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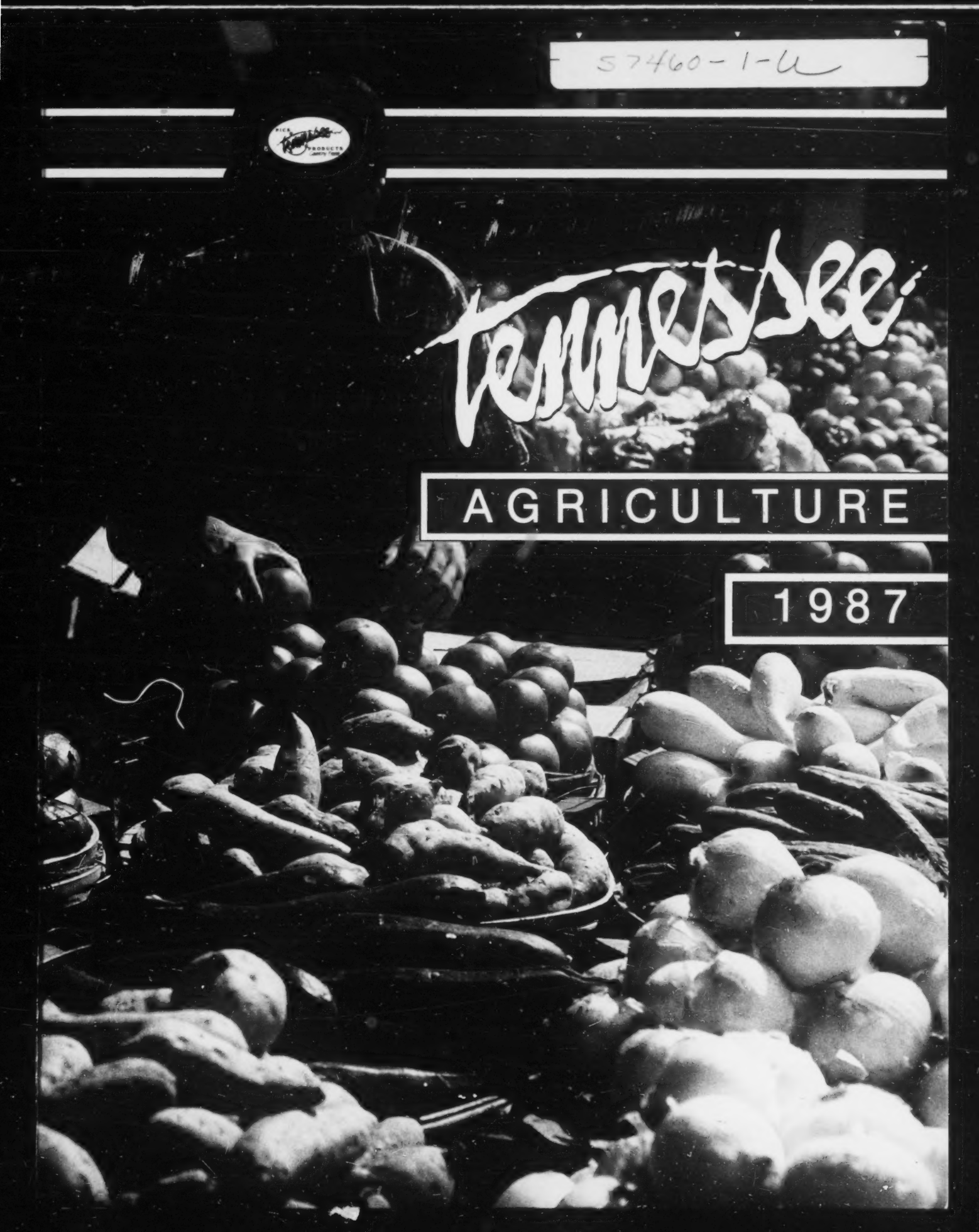

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AGRICULTURE

1987

ABOUT THE COVER

The picture on the cover is of the Metropolitan Farmers' Market in Nashville and is a scene that is familiar throughout the state.

Like other farmers' markets in the state, over 40 in all, this market will continue to play an important role in the marketing of fresh produce as more and more farmers turn to alternative crop production.

The value of fresh produce sold by Tennessee farmers has doubled in the last 10 years, totaling about $75 million in 1986. This year, we are pleased to feature on the cover, one of the fastest growing segments of Tennessee's largest industry.

Artwork: State Graphic Arts Division
Photo: Murray Lee, State Photographic Services Division

TENNESSEE AGRICULTURAL STATISTICS

1987

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NATIONAL AGRICULTURAL STATISTICS SERVICE

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TENNESSEE
DEPARTMENT OF AGRICULTURE

A. C. CLARK, COMMISSIONER

Message from the Commissioner of Agriculture

My first few months as Commissioner of Agriculture have reemphasized a lifelong belief in the resourcefulness and dedication of Tennessee's farmers, businessmen, educators and researchers. I know of no other industry where the spirit of teamwork and service is more evident.

This publication tells a story with numbers about 1986 that is a tribute to the entire farming community. Despite rainfall deficits throughout the state that approached or exceeded the worst ever recorded, cash receipts from the sale of Tennessee crops and livestock totaled nearly two billion dollars.

During the driest part of the summer of 1986 when pastures did not supply enough forage for our cattle, hay from midwestern and western farmers was donated and shipped to those hardest hit by the drought. As usual, Tennessee farmers showed an amazing resiliency to the unusual weather conditions and production levels for most crops proved to be somewhat average.

In addition to the agricultural statistics, this annual report summarizes some departmental advances in our fight against animal diseases, insects and soil erosion.

I am proud to offer this report to the public and hope it proves useful as we strive to monitor and improve Tennessee agriculture.

A. C. Clark
Commissioner of Agriculture

Message from the State Statistician

Decisions involving billions of dollars are made each year by farmers, business people and government officials on the basis of agricultural statistics. A decision can be no better than the information upon which it is based.

As a compiler of information for decision-making, we recognize, and are committed to the overriding need for integrity, reliability and impartiality in our numbers. We are continually updating our data collection and estimation processes through improved, scientific sampling procedures to achieve and safeguard these attributes.

Nevertheless, the strength of our statistics over the years has been the information voluntarily reported by farmers and agri-business. To these suppliers of the basic facts, we extend our sincere appreciation. And while our numbers are available to everyone, our primary mission has always been to insure that individual farmers have access to timely, accurate facts upon which to base their production and marketing decisions.

This annual summary bulletin enjoys both national and international distribution to a wide variety of data users. It is also, perhaps, the most visible product of the cooperative relationship between USDA's Agricultural Statistics Service and the Tennessee Department of Agriculture, who have combined resources to provide a single source of comprehensive, official statistics about Tennessee agriculture. It is our wish that all who use these numbers will recognize Tennessee's important contribution to the nation's largest industry—agriculture.

I commend our talented staff, whose individual and coliective efforts reflect true dedication and service in providing "good numbers."

Ron Brantner

Ron Brantner
State Statistician

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Tennessee Agriculture

Agriculture in Tennessee is very diversified. Because of its variety and dynamics, this agrarian industry affects our daily lives in ways in which we often overlook. The magnitude of the agricultural industry is such that it is the core of our health, economy and recreation. It is the number one industry in the State and employs one of every four working Tennesseans. This fact is highlighted by the official logo of the Tennessee Department of Agriculture, **"Agriculture Number One in Tennessee."**

Production agriculture, farm-supply and processing/distribution activities comprise the complex agribusiness system of modern agriculture. Farming and forestry dominate Tennessee's landscape. About 21.5 million acres, 80% of the land area, is devoted to the production of crops, livestock, timber, and other agricultural products.

As the foundation of the industry, farm production occurs on approximately 96,000 farms in Tennessee. The average farm size is 135 acres with only 20 percent of farms being larger than 180 acres. Slightly over 1 percent of the farms in Tennessee are 1,000 acres or larger. More than $15 billion is invested in land, machinery, livestock, buildings and other production items on Tennessee's farms.

Tennessee's terrain ranges from the rugged mountains of East Tennessee to the rolling hills of Middle to the lush flatlands of the Western extreme. As the topography of the land is varied, so are the major emphases on agricultural production diversified according to the regions. Though most agricultural enterprises can be found in each of the regions, each region has a greater concentration of a particular facet of agricultural production as its most common commodity.

East Tennessee has a greater number of dairy farms than either Middle or West Tennessee. A large percentage of East Tennessee farmers also produce beef cattle in great numbers. Tobacco, the State's leading cash crop, is most prominent in the Eastern extreme of the State. Limited row crops are cultivated in this area.

Middle Tennessee is noted for its concentration of livestock. Beef cattle, feeder calves and feeder pigs are found in large numbers throughout the region alongside dairy farms and row crop operations. The rolling hills and abundant pastures make livestock production a logical specialty for this part of the State.

Most of Tennessee's largest row cropping operations are centralized in West Tennessee. The great expanse of flatlands makes row cropping the area of greatest appeal and economic feasibility for agriculturalists. Topography dictates that conservation practices play a vital role in all agricultural efforts in this area.

Tennessee's diversified agricultural industry is enhanced by the wide variety of growing conditions, found through-out the three distinct regions. It is this broad range of assets, along with the cohesive efforts of all segments of the industry, that make agriculture in Tennessee the important economic force that it is.

The number of farms in Tennessee increased steadily to a record high of 274,000 in 1935. Since then, and for a variety of reasons, farm numbers have steadily declined, to 97,000 farms in 1978. The farm count has fluctuated in the 95-98,000 range since 1978, and averaged 96,000 during 1986.

Tennessee land in farms increased to a peak level of 19,100,000 acres in 1950. The average size of the 243,000 farms that year was 79 acres. Land in farms has since declined to 13,000,000 acres in 1986, with farm size averaging 135 acres. Almost one-half of the State's total land area of 26.3 million acres is devoted to farming.

A "farm" for statistical purposes, is a place that sells, or could sell $1,000 or more of agricultural products during a given year. This definition is intended to serve as a dividing line between agriculture and the commercial or non-ag sector. By this definition, almost one-third of the State's farms had a gross value of sales of less than $2,500 in 1982. About 72 percent of the farms grossed less than $10,000 per farm, and, as a group, contributed about 13 percent of the total cash receipts.

Most of the year-to-year change in the farm count is attributed to farms of less than 10 acres, which make up ten percent or more of the total. Some of the annual change in both farm count and land in farms can be credited to sampling variability.

NUMBER OF FARMS: Selected States, 1980-86[1]

STATE	1980	1981	1982	1983	1984	1985	1986[2]
				NUMBER			
Alabama	59,000	57,000	55,000	54,000	54,000	54,000	52,000
Florida	39,000	40,000	40,000	40,000	40,000	39,000	39,000
Georgia	59,000	60,000	57,000	55,000	51,000	50,000	49,000
Kentucky	102,000	103,000	103,000	103,000	101,000	100,000	99,000
Mississippi	55,000	56,000	53,000	51,000	50,000	48,000	46,000
North Carolina	93,000	90,000	86,000	83,000	79,000	76,000	73,000
South Carolina	34,000	33,000	31,000	29,000	28,000	27,500	27,500
Tennessee	**96,000**	**95,000**	**95,000**	**95,000**	**97,000**	**98,000**	**96,000**
United States	2,432,510	2,433,920	2,400,550	2,370,200	2,328,400	2,274,730	2,214,420

[1]A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year. [2]Preliminary.

LAND IN FARMS: Selected States, 1980-86[1]

STATE	1980	1981	1982	1983	1984	1985	1986[2]	Average Size of Farms
				1,000 Acres				Acres
Alabama	12,200	11,900	11,800	11,600	11,500	11,500	11,000	212
Florida	13,400	13,200	13,100	13,000	13,000	13,000	13,000	333
Georgia	15,000	14,500	14,000	13,700	13,500	13,500	13,000	265
Kentucky	14,600	14,600	14,500	14,500	14,500	14,500	14,500	146
Mississippi	14,600	14,600	14,500	14,300	14,200	14,100	14,000	304
North Carolina	11,700	11,400	11,100	11,000	11,000	10,800	10,800	148
South Carolina	6,400	6,300	6,000	5,800	5,600	5,500	5,500	200
Tennessee	**13,600**	**13,500**	**13,400**	**13,400**	**13,400**	**13,400**	**13,000**	**135**
United States	1,038,885	1,034,190	1,027,795	1,024,195	1,109,378	1,014,383	1,007,363	455

[1]A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year. [2]Preliminary.

FARM GROSS INCOME, EXPENSES, AND NET INCOME: TENNESSEE, 1980-85

ITEM	1980	1981	1982	1983	1984	1985
			Million Dollars			
Agricultural Cash Receipts	1,849.5	1,933.0	1,949.2	1,799.8	2,104.9	2,057.4
Government Payments	18.7	20.7	28.1	65.8	76.6	61.7
Non-Cash Income[1]	439.5	501.9	502.9	477.1	497.5	444.5
Other Farm Income[2]	68.0	58.9	57.6	78.2	85.6	83.8
Net Inventory Adjustment[3]	-101.8	124.0	103.4	-115.2	103.0	8.4
Gross Farm Income[4]	2,273.9	2,638.5	2,641.2	2,305.7	2,867.6	2,655.8
Production Expenses[4]	1,977.1	2,124.8	2,161.0	2,146.5	2,255.1	2,147.5
Net Farm income	296.8	513.7	480.2	159.2	612.4	508.3

[1]Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.
[2]Includes cash income from machine hire, custom work, recreational income, other farm-related income and forest product sales.
[3]The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.
[4]Includes operator households.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1985, USDA, Economic Research Service, January 1987.

FARM PRODUCTION EXPENSES: TENNESSEE, 1980-85[1]

ITEM	1980	1981	1982	1983	1984	1985
			Million Dollars			
Feed	261.4	253.9	228.2	273.5	252.3	255.3
Livestock	52.1	51.9	64.0	70.7	97.6	111.7
Seed	43.8	45.3	40.5	38.2	44.1	43.1
Fertilizer & Lime	153.5	174.4	136.9	133.4	129.5	133.8
Pesticides	49.0	57.4	57.8	56.2	64.4	67.1
Fuel & Oil	107.8	117.9	109.3	103.7	98.9	91.2
Electricity	14.2	16.3	19.0	20.0	20.1	19.3
Repair & Operation	195.9	193.1	203.2	199.8	222.5	220.5
Other Operations[2]	124.6	131.2	135.2	149.1	165.1	160.0
Interest—Real Estate	125.0	148.8	171.5	177.1	175.8	127.4
—Nonreal Estate	165.9	197.6	209.1	183.1	171.3	119.6
Labor Expenses—Cash[3]	103.7	101.3	117.2	111.8	112.0	117.1
—Perquisities	6.7	6.5	7.4	7.2	7.6	6.8
Net Rent to Landlord[4]	46.4	46.2	66.2	40.4	80.6	69.4
Capital Consumption[5]	483.1	533.7	544.8	531.5	561.8	542.6
Business Taxes	43.9	49.3	50.8	50.7	51.4	52.7
Total Production Expenses	1,977.1	2,124.8	2,161.0	2,146.5	2,255.1	2,147.5

[1]Includes operator households.
[2]Includes machine hire and custom work expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.
[3]Includes contract labor expenses, hired labor wages, and Social Security payments.
[4]Uses different data sources for years prior to 1984. Estimates are not directly compatible among periods.
[5]Includes depreciation, wear and tear, obsolescence and accidental damage of capital stock.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1985, USDA, Economic Research Service, January 1987.

CASH RECEIPTS FROM FARM MARKETINGS: BY COMMODITIES, 1981-85

Commodity	1981	1982	1983	1984	1985	1985 Percent of Total	1985 Percent of 1984
				1,000 Dollars			
Crops	1,080,564	1,051,045	893,374	1,051,248	1,057,473	51.4	101
Cotton, Lint	68,421	108,938	59,607	77,365	102,980	5.0	133
Cottonseed	9,242	7,591	8,066	11,805	8,210	[1]	70
Tobacco	252,458	280,366	236,727	253,069	221,630	10.8	88
Corn	53,429	54,522	35,593	76,770	127,976	6.2	167
Soybeans	368,227	296,674	277,580	265,382	243,853	11.9	92
Wheat	113,463	87,947	64,428	61,355	26,112	1.3	43
Grain Sorghum	2,419	3,818	2,235	20,089	40,038	1.9	199
Hay	7,738	8,488	8,164	11,512	14,283	0.7	124
Sweet Potatoes	2,251	1,007	1,151	1,003	958	[1]	96
Other Field Crops	3,837	4,472	2,525	3,856	3,940	[1]	102
Potatoes	2,372	1,896	1,284	2,200	2,200	[1]	100
Snap Beans, Processing	5,717	3,645	1,784	2,313	2,284	[1]	99
Tomatoes, Fresh Market	12,126	12,428	8,400	19,320	23,940	1.2	124
Apples	1,188	691	1,144	1,427	994	[1]	70
Peaches	1,684	204	792	2,016	0	—	—
Other Fruits & Vegetables	33,992	36,358	38,894	47,994	42,949	2.1	89
Greenhouse & Nursery	142,000	142,000	145,000	193,772	195,126	9.5	101
Livestock and Products	852,482	898,177	906,468	1,053,683	999,973	48.6	95
Cattle and Calves	252,423	281,581	355,095	477,099	425,838	20.7	89
Dairy Products	308,530	304,620	295,267	275,856	281,851	13.7	102
Hogs	152,981	178,948	125,602	147,137	158,461	7.7	108
Eggs	50,697	46,051	40,329	43,428	35,721	1.7	82
Broilers	66,199	65,948	67,159	87,149	79,931	3.9	92
Sheep and Lambs	294	275	256	221	218	[1]	99
Wool	42	20	22	30	30	[1]	100
Honey	4,726	[2]	[2]	[2]	[2]	[2]	[2]
Other	16,590	20,734	22,738	22,763	17,923	0.9	79
All Commodities	1,933,046	1,949,222	1,799,842	2,104,931	2,057,446	100.0	98

[1]Less than 0.05 percent.
[2]Included in Other Livestock and Products

CASH INCOME FROM FARMING: TENNESSEE, 1980-85[1]

ITEM	1980	1981	1982	1983	1984	1985
			Million Dollars			
Cash Income	1,936.2	2,012.6	2,034.9	1,943.8	2,267.1	2,202.9
Farm Marketings	1,849.5	1,933.0	1,949.2	1,799.8	2,104.9	2,057.4
Crops	945.0	1,080.6	1,051.0	893.4	1,051.2	1,057.5
Livestock and Products	904.4	852.5	898.2	906.5	1,053.7	1,000.0
Government Payments	18.7	20.7	28.1	65.8	76.6	61.7
Other Farm Cash Income[2]	68.0	58.9	57.6	78.2	85.6	83.8
Cash Expenses	1,422.6	1,518.9	1,524.3	1,522.5	1,589.6	1,496.7
Interest	269.8	321.4	350.5	328.3	313.6	222.8
Labor[3]	103.7	101.3	117.2	111.8	112.0	117.1
Net rent to landlords[4]	46.4	46.2	66.2	40.4	80.6	69.4
Business taxes	37.0	42.1	39.6	39.2	38.9	39.0
All other production inputs	965.7	1,007.8	950.9	1,002.8	1,044.5	1,048.3
Net Cash Income	513.6	493.8	510.6	421.4	677.5	706.2

[1]Excludes operator households and non-farm income.
[2]Includes machine hire, custom work, recreational, other farm-related income, and forest product sales.
[3]Includes machine hire and custom work expenses; marketing, storage and transportation expenses; and micellaneous expenses.
[4]Uses different data sources for periods 1979-83 and 1984 and later. Estimates are not directly compatible among periods.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1985, USDA, Economic Research Service, January 1987.

GOVERNMENT PAYMENTS: BY PROGRAM, TENNESSEE, 1980-85

PROGRAM	1980	1981	1982	1983	1984	1985
			1,000 Dollars			
Conservation[1]	5,066	4,243	4,364	5,163	4,450	4,400
Feed Grain Program	8,148	1,945	2,909	4,584	1,155	6,316
Wheat Program	148	4,196	3,811	5,634	9,747	9,354
Cotton Program	3,454	2,753	16,032	14,530	8,288	30,265
Wool Act Program	13	13	14	20	33	38
Rice	13	—	—	13	10	33
Miscellaneous Programs[2]	1,839	7,524	948	35,869	52,878	11,328
Total	18,681	20,674	28,078	65,813	76,561	61,739

[1]Includes amount paid under agriculture and conservation programs (Agriculture Conservation and Emergency Conservation).
[2]Includes the following applicable programs: Milk Diversion Program, Payment-In-Kind (PIK) Program, Rural Clean Water Program, Clear Lakes Program, Forest Incentive Program, Water Bank Program, Emergency Livestock Feed Program, Extended Farm and Warehouse Storage Program and PIK Storage Program.
Source: "Economic Indicators of the Farm Sector," State Financial Summary, 1985, USDA, Economic Research Service, January 1987.

FARM REAL ESTATE DEBT: Amount outstanding by lender, Tennessee, December 31, 1980-85[1]

LENDER	1980	1981	1982	1983	1984	1985
			Million Dollars			
Federal Land Banks	570	658	687	679	671	549
Farmers Home Administration	231	261	276	288	306	318
Life Insurance Companies	81	83	86	71	72	58
All Operating Banks	373	345	338	345	345	343
Individuals and Others	294	310	312	315	291	265
Total[2]	1,550	1,657	1,699	1,698	1,685	1,534

[1]Includes farm households. [2]Totals may not add due to rounding.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1985, USDA, Economic Research Service, January 1987.

FARM NONREAL ESTATE DEBT: Amount Outstanding by Lender, Tennessee, December 31, 1980-85[1]

LENDER	1980	1981	1982	1983	1984	1985
			Million Dollars			
Debt Owned to Reporting Institutions (excluding CCC)						
All Operating Banks	335	325	348	356	367	324
Production Credit Associations	670	595	461	370	307	226
Federal Intermediate Credit Banks	0	0	0	0	0	1
Farmers Home Administration	263	376	379	385	418	416
Total	1,268	1,296	1,188	1,111	1,092	967
Individuals and Others	239	262	263	256	252	222
Commodity Credit Corporation	27	51	86	34	28	103
Total[2]	1,533	1,609	1,538	1,401	1,372	1,292

[1]Includes farm households. [2]Totals may not add due to rounding.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1985, USDA, Econoimc Research Service, January 1987.

FARM BALANCE SHEET: Tennessee, December 31, 1980-85[1]

ITEM	1980	1981	1982	1983	1984	1985
			Million Dollars			
Total Farm Assets	19,664.1	19,358.6	19,352.5	19,703.8	19,127.0	19,270.3
Real Estate	14,445.0	13,936.0	13,587.6	13,989.6	13,158.8	13,292.8
Livestock and Poultry	1,038.4	929.0	1,021.8	924.2	910.1	872.4
Machinery and Motor Vehicles	2,041.8	2,167.8	2,167.7	2,199.5	2,138.8	2,095.0
Crops[2]	321.4	427.5	518.9	352.2	480.1	426.4
Household Equipment and Furnishings	696.1	724.5	816.4	898.9	1,023.1	1,155.6
Deposits and Currency	511.2	535.0	562.7	612.9	688.9	731.7
U.S. Savings Bonds	98.9	94.6	92.6	98.8	104.3	111.4
Investments in Cooperatives	511.3	544.2	584.8	627.7	622.9	584.9
Total Farm Debt	3,082.6	3,265.9	3,237.2	3,099.2	3,057.4	2,825.9
Real Estate Debt	1,549.6	1,657.1	1,698.8	1,698.1'	1,685.3	1,533.5
Nonreal Estate Debt[3]	1,506.0	1,557.8	1,452.4	1,367.1	1,344.1	1,189.3
CCC Loans[4]	27.0	51.0	86.0	34.0	28.0	103.0
Equity	16,581.5	16,092.7	16,115.3	16,604.6	16,069.6	16,444.4
			Percent			
Ratios						
Equity/Assets	84.3	83.1	83.3	84.3	84.0	85.3
Debt/Equity	18.6	20.3	20.1	18.7	19.0	17.2
Debt/Assets, Total	15.7	16.9	16.7	15.7	16.0	14.7
Debt/Assets, Real Estate	10.7	11.9	12.5	12.1	12.8	11.5
Debt/Assets, Nonreal Estate & CCC	29.4	29.7	26.7	24.5	23.0	21.6
Net Farm Income/Debt[5]	10.3	16.7	15.3	5.5	20.5	17.9

[1]Includes farm households. Data are for farms with sales of $1,000 or more annually. [2]All crops held on farms including crops under CCC and CCC crops held off farms by farm operators. [3]Excludes debt for non-farm purposes. [4]Nonrecourse CCC loans secured by crops and storage and drying facilities owned by farmers. [5]Total debt in this ratio is an average for the year.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1985, USDA, Economic Research Service, January 1987.

FARM REAL ESTATE: TENNESSEE, 1979-1987

Year	Value of Land and Buildings			Gross Cash Rent Per Acre	
	Average Per Acre	Average Per Farm	Total	Farms	Cropland
	Dollars		Million Dollars	Dollars	
1979	860	122,700	11,782	37.00	47.10
1980	976	138,300	13,274	41.00	51.00
1981	1,070	152,100	14,445	43.80	50.90
1982	1,040	146,700	13,936	45.00	54.60
1983	1,014	143,000	13,588	40.50	47.90
1984	1,044	144,300	13,995	44.21	50.66
1985	982	134,300	13,159	35.41	45.76
1986	992	134,300	12,894	41.15	47.35
1987[1]	1,012	137,000	13,152	34.87	39.90

[1]Preliminary.

Source: "Agricultural Resources-Outlook and Situation Summary," USDA, Economic Research Service, April 1987.

REAL ESTATE TAXES: TAXES LEVIED ON FARM REAL ESTATE, TENNESSEE, 1981-86

Year	Total	Average Per Acre	Average Taxes Per $100 of Full Value
	Million Dollars	Dollars	Dollars
1981	42.9	3.42	.32
1982	43.4	3.49	.34
1983	45.5	3.66	.36
1984[1]	46.4	3.73	.36
1985[1]	46.4	3.73	.38
1986[1]	48.8	3.92	.40

[1]Preliminary.

Source: USDA, Economic Research Service.

INDEX NUMBER OF PRICES RECEIVED BY TENNESSEE FARMERS, 1970-86
1977 = 100

ALL CROPS INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1970	43	43	44	45	45	46	46	46	47	47	49	48	46
1971	49	50	50	50	50	51	52	51	50	49	49	50	50
1972	52	52	53	54	54	54	54	54	54	53	55	58	54
1973	61	69	75	75	89	101	86	95	84	83	79	86	82
1974	89	93	92	85	84	84	90	103	101	106	106	103	95
1975	94	89	85	90	85	85	87	92	90	87	80	79	87
1976	81	83	82	83	86	96	103	95	98	93	96	99	91
1977	102	107	115	122	120	107	94	90	82	86	87	89	100
1978	90	91	93	98	99	98	100	97	93	97	103	103	97
1979	104	105	105	106	107	109	112	108	106	104	105	108	107
1980	110	110	107	105	105	106	112	117	123	124	131	127	115
1981	130	130	126	124	125	123	122	118	111	108	109	110	120
1982	111	112	112	114	114	113	111	107	104	103	106	106	109
1983	105	108	109	114	114	114	118	131	134	131	132	130	120
1984	128	121	130	133	135	134	124	122	119	114	112	111	124
1985	124	111	112	112	111	111	108	104	101	100	97	99	108
1986	100	99	100	100	101	100	97	95	90	91	92	92	96

ALL LIVESTOCK INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1970	77	77	76	74	73	72	72	70	70	69	69	68	72
1971	69	72	71	70	70	70	70	71	71	71	73	74	71
1972	77	79	79	78	80	80	84	85	85	85	86	88	82
1973	92	98	106	105	108	110	113	132	122	118	102	110	110
1974	114	116	109	104	97	88	88	90	88	87	86	84	96
1975	84	84	84	86	90	93	94	94	99	102	100	102	93
1976	103	106	105	108	109	108	105	102	100	96	94	98	103
1977	99	102	102	102	102	99	101	98	98	98	97	101	100
1978	106	114	120	124	131	125	127	127	130	132	135	143	126
1979	156	165	167	171	168	156	151	148	150	147	148	149	155
1980	153	157	149	139	139	142	146	151	151	151	150	149	148
1981	147	149	145	148	143	145	141	144	146	142	138	135	144
1982	138	143	143	145	146	144	145	147	144	141	141	139	143
1983	145	151	150	148	146	144	140	137	136	136	136	140	142
1984	144	148	149	147	142	142	145	142	140	137	142	143	143
1985	145	144	143	143	140	139	132	133	133	134	137	134	138
1986	135	135	135	129	129	133	140	145	147	144	142	143	138

ALL FARM PRODUCTS INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1970	60	61	61	60	60	59	60	59	59	59	60	59	60
1971	59	61	61	61	60	61	61	62	61	61	62	63	61
1972	65	66	66	66	68	68	69	70	70	70	71	74	69
1973	77	84	91	91	99	106	100	114	104	101	96	98	97
1974	102	105	101	95	91	86	89	96	94	96	95	93	95
1975	89	87	85	88	88	89	90	93	95	95	90	91	90
1976	93	95	94	96	98	102	104	99	99	95	95	98	97
1977	100	104	108	111	110	103	98	95	90	92	92	95	100
1978	98	103	107	111	115	112	114	113	113	115	120	123	112
1979	131	137	138	140	139	134	133	129	129	127	128	129	133
1980	133	135	129	123	122	125	130	135	137	138	141	139	132
1981	139	140	135	136	134	135	132	132	129	126	124	123	132
1982	125	128	128	130	131	129	129	128	125	123	124	123	127
1983	126	130	130	132	131	130	130	134	135	134	134	135	132
1984	136	135	140	140	139	136	133	132	130	126	128	128	134
1985	128	128	128	129	126	125	121	119	118	118	118	117	123
1986	118	118	118	115	116	117	119	121	119	118	118	119	118

STATES RANKING AND PRODUCTION OF FIELD CROPS 1986

Soybeans

Rank	State	Production (1,000 Bushels)
1	Illinois	366,000
2	Iowa	363,125
3	Missouri	177,550
4	Minnesota	170,400
5	Indiana	161,500
6	Ohio	150,470
7	Nebraska	95,550
8	Arkansas	69,300
9	Kansas	59,840
10	Mississippi	44,100
11	South Dakota	41,230
12	North Carolina	38,400
13	Louisiana	38,220
14	**Tennessee**	**37,500**
15	Kentucky	37,440
16	Michigan	30,400
17	North Dakota	16,685
18	Georgia	15,300
19	South Carolina	14,960
20	Virginia	14,750
21	Alabama	14,490
22	Wisconsin	11,520
23	Maryland	10,920
24	Delaware	6,000
25	Pennsylvania	5,600
26	Oklahoma	4,800
27	Texas	4,370
28	New Jersey	3,393
29	Florida	3,220
	U.S.	2,007,033

Tobacco

Rank	State	Production (1,000 Pounds)
1	North Carolina	444,790
2	Kentucky	314,940
3	**Tennessee**	**82,707**
4	South Carolina	75,480
5	Virginia	73,524
6	Georgia	67,890
7	Maryland	24,300
8	Pennsylvania	21,830
9	Ohio	13,574
10	Florida	13,303
11	Indiana	12,095
12	Wisconsin	10,781
13	Missouri	4,389
14	Connecticut	3,062
15	West Virginia	2,640
16	Massachusetts	622
	U.S.	1,165,927

Winter Wheat

Rank	State	Production (1,000 Bushels)
1	Kansas	336,600
2	Oklahoma	150,800
3	Texas	120,000
4	Washington	102,900
5	Colorado	92,800
6	Nebraska	76,000
7	Montana	64,000
8	South Dakota	57,600
9	Oregon	53,940
10	Idaho	51,850
11	Ohio	48,300
12	California	45,000
13	Illinois	36,080
14	Arkansas	31,980
15	Michigan	30,600
16	Indiana	30,100
17	Missouri	18,810
18	Georgia	15,400
19	North Carolina	14,260
20	North Dakota	13,920
21	**Tennessee**	**10,725**
22	New Mexico	10,120
23	Pennsylvania	9,680
24	Kentucky	8,910
25	Utah	8,100
26	New York	7,595
27	South Carolina	7,500
28	Wyoming	7,500
29	Wisconsin	7,410
30	Louisiana	7,350
31	Virginia	6,970
32	Maryland	6,815
33	Mississippi	6,200
34	Alabama	5,720
35	Arizona	4,512
36	Minnesota	4,290
37	Florida	3,100
38	Iowa	1,680
39	Delaware	1,530
40	New Jersey	1,290
41	Nevada	810
42	West Virginia	396
	U.S.	1,519,143

Corn for Grain

Rank	State	Production (1,000 Bushels)
1	Iowa	1,626,750
2	Illinois	1,404,000
3	Nebraska	896,000
4	Minnesota	707,600
5	Indiana	695,400
6	Ohio	476,160
7	Wisconsin	365,800
8	Missouri	280,720
9	Michigan	257,250
10	South Dakota	233,700
11	Kansas	181,560
12	Texas	148,960
13	Kentucky	139,840
14	Pennsylvania	127,720
15	Colorado	99,400
16	North Carolina	93,840
17	New York	64,350
18	**Tennessee**	**56,980**
19	North Dakota	49,290
20	Louisiana	44,660
21	Georgia	42,340
22	Maryland	42,340
23	California	38,000
24	Virginia	21,600
25	South Carolina	21,160
26	Washington	20,400
27	Alabama	15,390
28	Delaware	14,027
29	Mississippi	13,500
30	New Jersey	11,128
31	Florida	9,920
32	Arkansas	8,480
33	New Mexico	8,250
34	Idaho	7,800
35	West Virginia	6,300
36	Wyoming	5,814
37	Oklahoma	5,220
38	Oregon	4,800
39	Arizona	2,640
40	Utah	2,250
41	Montana	1,495
	U.S.	8,252,834

Cotton

Rank	State	Production (1,000 Bales[1])
1	Texas	2,576.0
2	California	2,245.0
3	Mississippi	1,190.0
4	Arizona	823.3
5	Louisiana	673.0
6	Arkansas	602.0
7	**Tennessee**	**396.0**
8	Alabama	330.0
9	Oklahoma	210.0
10	Missouri	196.0
11	Georgia	185.0
12	North Carolina	109.0
13	South Carolina	87.0
14	New Mexico	78.6
15	Florida	28.0
16	Virginia	1.5
17	Kansas	0.7
	U.S.	9,731.1

Sorghum for Grain

Rank	State	Production (1,000 Bushels)
1	Kansas	311,250
2	Texas	213,750
3	Nebraska	139,730
4	Missouri	92,340
5	Arkansas	40,920
6	Louisiana	23,800
7	Oklahoma	23,030
8	Illinois	19,000
9	Mississippi	14,400
10	South Dakota	14,030
11	Colorado	11,700
12	**Tennessee**	**10,725**
13	New Mexico	10,350
14	Kentucky	4,275
15	Alabama	4,000
16	Georgia	2,706
17	California	2,210
18	North Carolina	1,350
19	Arizona	1,044
20	South Carolina	1,024
	U.S.	941,634

[1]Production is in 480 pound net weight bales.

STATES RANKING AND NUMBERS OF LIVESTOCK, January 1, 1987

Rank	All Cattle and Calves (Thousand Head)		Beef Cows (Thousand Head)		Milk Cows (Thousand Head)	
	State	Number	State	Number	State	Number
1	Texas	13,400	Texas	5,275	Wisconsin	1,840
2	Kansas	5,920	Oklahoma	2,013	California	990
3	Nebraska	5,500	Missouri	2,003	New York	914
4	Oklahoma	5,200	Nebraska	1,677	Minnesota	855
5	California	4,750	South Dakota	1,491	Pennsylvania	735
6	Iowa	4,650	Kansas	1,458	Michigan	370
7	Missouri	4,600	Montana	1,326	Ohio	370
8	Wisconsin	4,260	Florida	1,192	Texas	325
9	South Dakota	3,600	Iowa	1,182	Iowa	308
10	Minnesota	3,150	Tennessee	1,027	Kentucky	223
11	Colorado	2,600	Kentucky	997	Missouri	217
12	Kentucky	2,450	California	950	Illinois	215
13	Montana	2,400	Arkansas	938	Tennessee	203
14	Tennessee	2,400	Alabama	917	Indiana	201
15	Illinois	2,250	North Dakota	908	Washington	201
16	Florida	2,140	Georgia	760	Florida	178
17	Pennsylvania	1,950	Colorado	752	Vermont	178
18	North Dakota	1,900	Virginia	720	Idaho	162
19	New York	1,885	Mississippi	690	Virginia	150
20	Virginia	1,860	Wyoming	650	South Dakota	149
21	Alabama	1,850	Louisiana	620	Maryland	125
22	Arkansas	1,840	Oregon	568	North Carolina	114
23	Ohio	1,800	Illinois	565	Kansas	112
24	Georgia	1,650	New Mexico	529	Oklahoma	107
25	Idaho	1,550	Idaho	518	Nebraska	103
26	Indiana	1,470	Minnesota	405	Georgia	100
27	Oregon	1,400	Washington	399	North Dakota	92
28	Mississippi	1,373	Ohio	390	Oregon	92
29	New Mexico	1,360	Indiana	379	Louisiana	89
30	Michigan	1,325	North Carolina	361	Arizona	87
31	Washington	1,300	Utah	320	Colorado	78
32	Wyoming	1,300	South Carolina	280	Mississippi	75
33	Louisiana	1,160	West Virginia	278	Utah	74
34	Arizona	1,000	Arizona	268	Arkansas	62
35	North Carolina	950	Nevada	266	New Mexico	61
36	Utah	770	Pennsylvania	212	Maine	49
37	South Carolina	620	Wisconsin	190	South Carolina	46
38	West Virginia	560	Michigan	150	Alabama	43
39	Nevada	550	New York	104	Connecticut	40
40	Maryland	330	Hawaii	68	Massachusetts	38
41	Vermont	325	Maryland	50	New Jersey	35
42	Hawaii	195	New Jersey	13	West Virginia	32
43	Maine	120	Vermont	12	New Hampshire	27
44	New Jersey	90	Massachusetts	11	Montana	24
45	Massachusetts	85	Maine	10	Nevada	19
46	Connecticut	83	New Hampshire	6	Hawaii	12
47	New Hampshire	62	Connecticut	6	Delaware	11
48	Delaware	31	Delaware	3	Wyoming	10
49	Alaska	9.5	Alaska	2.5	Rhode Island	3.2
50	Rhode Island	7	Rhode Island	0.7	Alaska	2.4

STATES RANKING AND NUMBERS OF LIVESTOCK, December 1, 1986

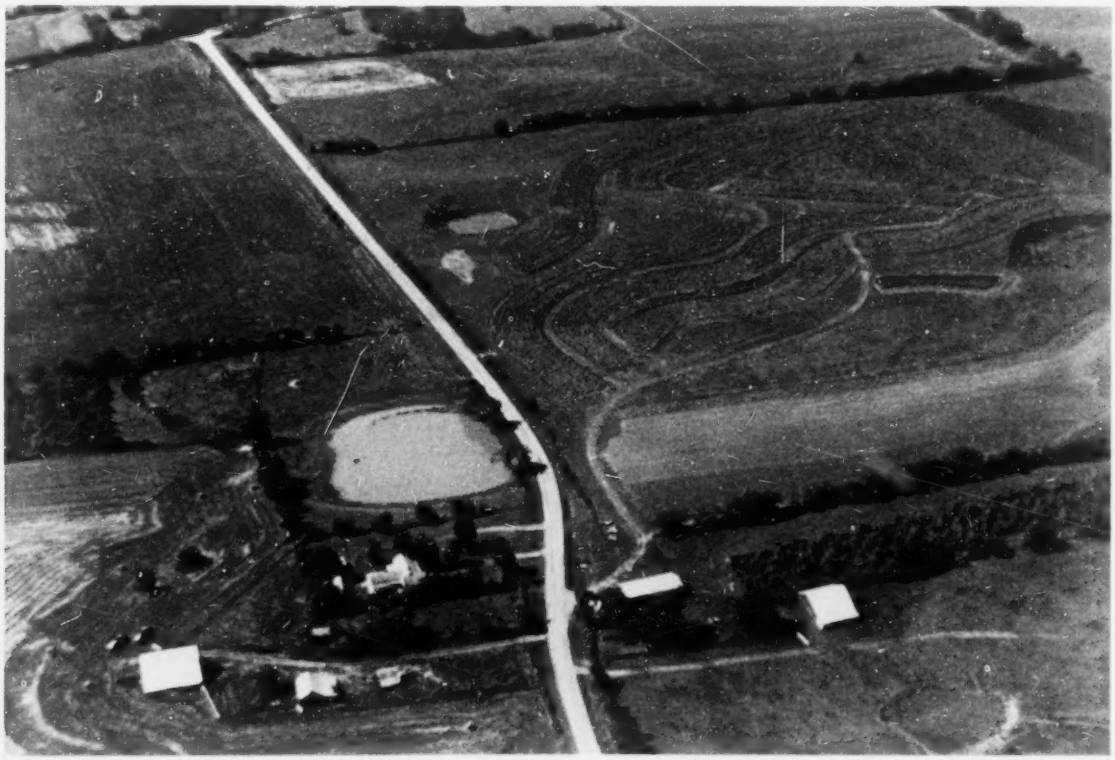
Rank	All Hogs and Pigs (Thousand Head) State	Number	Hogs for Breeding (Thousand Head) State	Number	Market Hogs (Thousand Head) State	Number
1	Iowa	12,600	Iowa	1,560	Iowa	11,040
2	Illinois	5,000	Illinois	635	Illinois	4,365
3	Minnesota	4,260	Indiana	540	Minnesota	3,725
4	Indiana	4,150	Minnesota	535	Indiana	3,610
5	Nebraska	3,900	Nebraska	470	Nebraska	3,430
6	Missouri	2,900	Missouri	405	Missouri	2,495
7	North Carolina	2,360	North Carolina	300	North Carolina	2,060
8	Ohio	1,950	Ohio	270	Ohio	1,680
9	South Dakota	1,520	South Dakota	214	South Dakota	1,306
10	Kansas	1,450	Kansas	180	Kansas	1,270
11	Wisconsin	1,330	Michigan	175	Wisconsin	1,160
12	Michigan	1,250	Wisconsin	170	Michigan	1,075
13	Georgia	1,100	Georgia	155	Georgia	945
14	Pennsylvania	890	Kentucky	130	Pennsylvania	795
15	Kentucky	880	Tennessee	115	Kentucky	750
16	Tennessee	770	Pennsylvania	95	Tennessee	655
17	Texas	510	Texas	70	Texas	440
18	Arkansas	460	South Carolina	60	Arkansas	400
19	South Carolina	430	Arkansas	60	South Carolina	370
20	Alabama	380	Alabama	55	Alabama	325
21	Virginia	360	Virginia	53	Virginia	307
22	North Dakota	275	North Dakota	37	North Dakota	238
23	Oklahoma	220	Oklahoma	35	Oklahoma	185
24	Mississippi	210	Mississippi	32	Mississippi	178
25	Colorado	190	Maryland	30	Montana	169
26	Montana	190	California	27	Colorado	164
27	Maryland	190	Colorado	26	Maryland	160
28	Arizona	155	Florida	22	Arizona	137
29	California	150	Montana	21	California	123
30	Florida	140	Arizona	18	Florida	118
31	New York	128	New York	17	New York	111
32	Oregon	115	Oregon	16	Oregon	99
33	Idaho	80	Delaware	11	Idaho	69
34	Delaware	60	Idaho	11	Delaware	49
35	Louisiana	53	Louisiana	10	Louisiana	43
36	Hawaii	50	Washington	9	Hawaii	42
37	Washington	50	Hawaii	8	Washington	41
38	New Jersey	40	Wyoming	6	New Jersey	36
39	West Virginia	37	New Mexico	5	West Virginia	32
40	New Mexico	36	West Virginia	5	New Mexico	31
41	Wyoming	35	Massachusetts	4	Wyoming	29
42	Massachusetts	32	New Jersey	4	Massachusetts	28
43	Utah	25	Utah	3	Utah	22
44	Nevada	14	Nevada	2	Nevada	12
45	New Hampshire	8.8	Maine	1.7	New Hampshire	7.4
46	Maine	8	New Hampshire	1.4	Maine	6.3
47	Connecticut	7	Vermont	0.9	Connecticut	6.2
48	Vermont	5.8	Connecticut	0.8	Vermont	4.9
49	Rhode Island	4.8	Rhode Island	0.6	Rhode Island	4.2
50	Alaska	1	Alaska	0.2	Alaska	0.8

Crops

CROP SUMMARY: TENNESSEE, 1985-86

Crop	1985 Acres Harvested	1985 Yield Per Acre	1985 Unit	1985 Production Total	1985 Production Value	1986 Acres Harvested	1986 Yield Per Acre	1986 Unit	1986 Production Total	1986 Production Value
	1,000			1,000	1,000 $	1,000			1,000	1,000 $
Cotton (Lint)	335.0	600	lbs.	419[1]	109,610	335.0	567	lbs.	396[1]	92,759
Cottonseed	—	—	tons	160	8,480	—	—	tons	157	10,441
Corn for Grain	810	98.0	bu.	79,380	182,574	770	74.0	bu.	56,980	91,168
Corn for Silage	125	16.0	tons	2,000	—	130	12.0	tons	1,560	—
Soybeans	1,460	31.0	bu.	45,260	229,921	1,500	25.0	bu.	37,500	183,750
Wheat	250	32.0	bu.	8,000	24,000	325	33.0	bu.	10,725	26,813
Tobacco, All	61.71	2,065	lbs.	127,403	200,189	49.18	1,682	lbs.	82,707	126,063
Type 22	10.80	2,210	lbs.	23,868	36,327	8.80	2,025	lbs.	17,820	25,590
Type 23	.81	2,180	lbs.	1,766	2,561	.68	2,275	lbs.	1,574	2,257
Type 31	49.00	2,030	lbs.	99,470	158,257	39.00	1,590	lbs.	62,010	96,550
Type 35	1.10	2,090	lbs.	2,299	3,044	.70	1,900	lbs.	1,330	1,663
Sorghum for Grain	465	80.0	bu.	37,200	69,936	165	65.0	bu.	10,725	14,157
Sorghum Silage	6.0	14.0	tons	84	—	8.0	12.0	tons	96	—
Hay, All	1,620	1.95	tons	3,156	164,112	1,380	1.52	tons	2,092	127,612
Alfalfa Hay	120	3.80	tons	456	—	100	3.00	tons	300	—
All Other Hay	1,500	1.80	tons	2,700	—	1,280	1.40	tons	1,792	—
Sweet Potatoes	1.1	150	cwt.	165	1,914	.9	110	cwt.	99	1,158
Irish Potatoes	2.5	150	cwt.	375	2,850	2.6	90	cwt.	234	2,235
Snapbeans (Processing)	5.0	2.25	tons	11.3	2,284	5.3	1.43	tons	7.6	1,508
Tomatoes	4.5	280	cwt.	1,260	23,940	5.0	210	cwt.	1,050	21,000
Apples (Having Value)	—	—	lbs.	10,000	1,358	—	—	lbs.	8,500	1,519
Peaches (Having Value)	—	—	lbs.	0	0	—	—	lbs.	3,700	888
Floriculture	—	—	—	—	17,124	—	—	—	—	16,969

[1]Cotton production in 480-lb. net weight bales.



TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1986

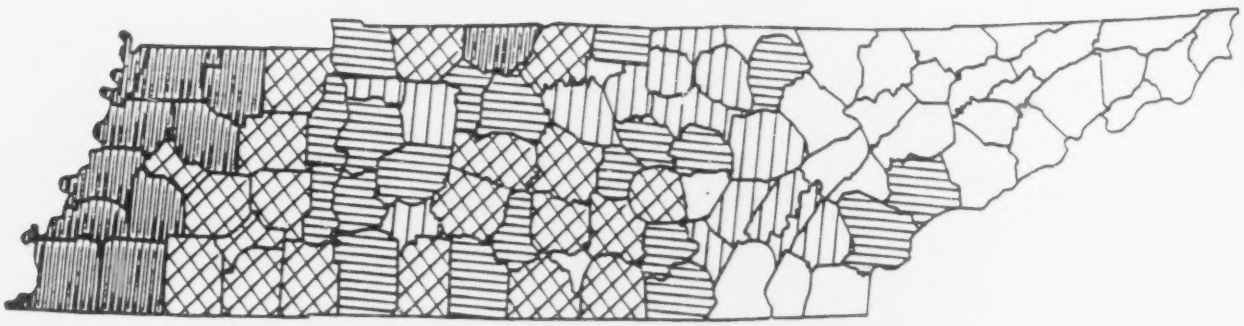
Rank	Soybeans	All Tobacco	Wheat	Corn	Cotton	Sorghum
1	Dyer	Robertson	Dyer	Obion	Haywood	Dyer
2	Obion	Montgomery	Obion	Weakley	Crockett	Gibson
3	Lauderdale	Greene	Weakley	Gibson	Fayette	Fayette
4	Tipton	Sumner	Gibson	Henry	Tipton	Weakley
5	Gibson*	Claiborne	Robertson	Carroll	Madison	Lauderdale
6	Lake*	Hawkins	Franklin	Robertson	Gibson	Tipton
7	Shelby	Washington	Henry*	Lawrence*	Lauderdale	Obion
8	Haywood*	Macon	Lauderdale*	Henderson*	Shelby	Hardin
9	Weakley*	Smith	Lake	Dyer	Hardeman	Hardeman
10	Fayette	Grainger	Tipton*	Franklin	Dyer	Haywood
11	Robertson	Jefferson	Shelby*	Coffee	Carroll	Shelby
12	Madison	Cheatham	Fayette	Montgomery	Lincoln	Lake
13	Henry	Dickson	Carroll	Warren	Chester	Lawrence
14	Carroll	Maury	Lincoln	Rutherford	Franklin	McNairy
15	Franklin	Stewart	Montgomery	Benton*	McNairy	Bedford*
16	Hardin*	Cocke	Rutherford*	McNairy*	Henderson	Carroll*
17	Hardeman*	Johnson	Haywood*	Lincoln	Lake	Crockett
18	Henderson	Sevier	McNairy*	Haywood	Rutherford	Chester
19	McNairy	Sullivan	Madison	Chester	Obion	Warren*
20	Lincoln	Hancock	Coffee	Giles*	Weakley	Decatur*
21	Montgomery	Williamson	Williamson*	Fayette*	Hardin	Henderson*
22	Crockett	Hamblen	Sumner*	Humphreys*	Giles	Benton*
23	Coffee	Trousdale	Bedford*	Hardin*	Lawrence*	Henry
24	Lawrence	Carter	Crockett*	Madison*		Madison*
25	Bedford	Union	Marshall*	Hardeman*		Lincoln
26	Maury	Jackson	Hardeman*	Decatur*		Rutherford
27	Rutherford	Monroe	Wayne*	Lake		Giles*
28	Chester	McMinn	Warren	Perry		Wayne
29	Sumner	Putnam	Hardin	Cannon		Maury
30	Williamson	White	Henderson	Lauderdale		Coffee
31	Warren	Wilson	Maury	Bedford		DeKalb*
32	Marion	Blount	Lawrence*	Fentress		Robertson*
33	Giles	DeKalb	Chester*	Sumner*		Williamson
34	Benton	Clay	Wilson	Macon*		White*
35	Cannon*	Knox	Bledsoe	DeKalb*		Marion*
36	DeKalb*	Loudon	Giles	Hickman		Montgomery
37	Macon	Lincoln	Blount	Wayne		Marshall
38	Wayne	Unicoi	Monroe	Bledsoe		Humphreys
39	Humphreys	Campbell	Macon	Maury		Franklin
40	Decatur	Roane	Hickman	Overton		Hickman
41	Monroe*	Marshall	Benton	Marion		Perry
42	Marshall*	Pickett	McMinn	Cumberland		Polk
43	Perry	Overton	Decatur	Marshall*		Lewis
44	Stewart	Meigs	Marion	Williamson*		
45	Davidson*	Houston	White	Dickson*		

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1986

Rank	Soybeans	All Tobacco	Wheat	Corn
46	Hickman*	Giles	Loudon	Putman*
47	Fentress	Weakley	Meigs*	Grundy
48	Cheatham	Moore	DeKalb*	Cheatham
49	Blount	Bedford	Cheatham	Blount
50	White	Cannon	Cumberland	Smith
51	Grundy	Warren	Dickson	Greene
52	Bledsoe*	Anderson	Jefferson*	White*
53	Dickson*	Lawrence	Grundy*	Clay*
54	Cumberland	Cumberland	Polk*	Shelby*
55	Clay*	Davidson	Cannon*	McMinn
56	Wilson*	Fentress	Rhea	Cocke
57	Overton	Hickman	Bradley	Jefferson
58	Meigs	Franklin	Clay	Stewart
59	McMinn	Bradley	Putnam	Sevier
60	Putnam	Rutherford	Hamblen*	Sullivan
61	Jackson*	Rhea	Greene*	Wilson*
62	Smith*	Lewis	Fentress	Morgan*
63	Lewis*	Morgan	Sequatchie*	Jackson*
64	Houston*	Van Buren	Perry*	Tipton
65	Sequatchie*	Hamilton	Humphreys	Hawkins
66	Rhea*	Coffee	Knox*	Monroe
67	Knox	Scott	Hamilton*	Hamblen
68	Morgan	Polk	Davidson*	Johnson*
69	Jefferson	Humphreys	Smith*	Scotts*
70	Loudon	Grundy	Stewart*	Lewis*
71	Hamblen		Trousdale	Loudon
72	Greene*		Sevier	Rhea*
73	Polk*		Overton	Crockett*
74	Cocke			Grainger
75	Van Buren			Washington*
76	Hamilton			Sequatchie*
77	Hawkins			Houston*
78	Bradley			Polk
79				Pickett
80				Knox
81				Davidson
82				Claiborne
83				Meigs*
84				Hancock*
85				Moore*
86				Bradley*
87				Trousdale
88				Van Buren
89				Campbell
90				Roane
91				Union
92				Carter
93				Hamilton

*Tied

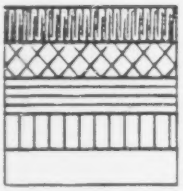
SOYBEANS



TOP FIVE COUNTIES

1. DYER	3,850,000
2. OBION	3,400,000
3. LAUDERDALE	2,900,000
4. TIPTON	2,250,000
5. GIBSON	1,500,000

BUSHELS



1,000,000 AND OVER
200,000-999,999
50,000-199,999
25,000- 49,999
UNDER 25,000

Tennessee's soybean production in 1986, at 37.50 million bushels, was down 17 percent from 1985. Yield per acre averaged 25 bushels, 6 bushels less than 1985's record but the same as the five-year average. Soybean acreage harvested totaled 1.50 million acres, an increase of 3 percent from 1985's 1.46 million acres.

Very poor planting and growing conditions existed until about August 1. An unusually dry spring and early summer led to concern about the crop. Rains and cooler than normal temperatures, however, arrived in August and boosted yields. This moisture was especially beneficial because it came at the critical pod setting stage. Harvest began on schedule in mid-October and remained on target until early November. Heavy rains during November set harvest back two weeks behind schedule.

SOYBEANS: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	1,000		Bu.	1,000 Bu.	Dollars	1,000 Dol.
1977	2,320	2,220	23.5	52,170	5.68	296,326
1978	2,530	2,420	23.5	56,870	6.73	382,735
1979	2,700	2,620	27.0	70,740	6.35	449,199
1980	2,650	2,550	18.0	45,900	7.88	361,692
1981	2,450	2,350	25.0	58,750	6.06	356,025
1982	2,400	2,300	26.5	60,950	5.57	339,492
1983	2,020	1,970	16.0	31,520	7.96	250,899
1984	1,900	1,850	26.0	48,100	5.97	287,157
1985	1,500	1,460	31.0	45,260	5.08	229,921
1986	1,550	1,500	25.0	37,500	4.90	183,750

SOYBEANS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							DOLLARS PER BUSHEL							
1977	6.96	7.49	8.62	9.52	9.38	7.55	5.75	5.26	4.72	5.51	5.41	5.61	6.82	5.68
1978	5.82	5.80	6.16	6.86	6.90	6.74	6.95	6.64	6.07	6.43	6.57	6.50	6.45	6.73
1979	6.75	7.03	7.20	7.36	7.22	7.43	7.55	7.27	6.80	6.48	6.18	6.36	6.97	6.35
1980	6.62	6.35	5.96	5.83	5.66	6.05	6.92	7.51	7.84	7.93	8.28	7.61	6.88	7.88
1981	8.02	7.97	7.35	7.13	7.45	7.23	7.24	6.79	6.28	5.97	6.05	6.08	6.96	6.06
1982	6.07	6.18	6.18	6.30	6.49	6.22	6.14	5.63	5.06	5.14	5.53	5.64	5.88	5.57
1983	5.65	5.79	5.79	6.31	6.14	6.20	6.58	8.08	8.74	8.12	7.99	8.01	6.95	7.96
1984	7.75	6.95	8.00	8.00	8.19	8.16	6.79	6.59	6.33	6.07	5.91	5.96	7.06	5.97
1985	6.18	6.05	6.05	6.11	5.80	5.85	5.53	5.20	5.05	4.93	5.00	5.04	5.57	5.08
1986	5.37	5.35	5.27	5.41	5.39	5.31	5.19	5.24	4.79	4.81	4.89	4.77	5.15	4.90

[1]Crop market season September 1 through August 31.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
			Acres						Bushels			
Dyer	216,000	208,000	173,000	208,000	204,000	172,000	25	26	18	5,158,000	5,306,000	3,102,000
Lake	79,000	85,000	72,000	77,000	83,000	71,000	25	30	17	1,910,000	2,505,000	1,210,000
Lauderdale	140,000	141,000	121,000	136,000	137,000	120,000	27	27	17	3,642,000	3,721,000	2,044,000
Obion	167,000	148,000	128,000	158,000	144,000	127,000	28	28	17	4,388,000	4,056,000	2,164,000
Shelby	118,000	90,000	90,000	115,000	88,000	89,000	27	25	13	2,510,000	2,214,000	1,107,000
Tipton	132,000	132,000	112,000	128,000	129,000	111,000	24	26	15	3,041,000	3,375,000	1,668,000
District 1	847,000	804,000	696,000	822,000	785,000	690,000	25	27	16	20,665,000	21,207,000	11,295,000
Benton	13,000	16,000	13,500	12,700	15,500	14,000	24	26	13	307,000	398,000	174,000
Carroll	58,500	60,000	49,500	56,000	58,000	48,000	23	24	13	1,293,000	1,380,000	619,000
Chester	34,500	28,000	24,000	33,400	27,000	23,500	23	25	14	771,000	669,000	323,000
Crockett	63,500	54,000	39,000	61,000	50,000	38,500	24	25	14	1,469,000	1,239,000	540,000
Decatur	8,000	12,000	9,500	7,600	11,000	9,300	24	25	12	184,000	272,000	116,000
Fayette	122,000	102,000	87,000	116,000	100,000	85,000	23	23	14	2,678,000	2,280,000	1,179,000
Gibson	177,000	156,000	125,000	173,000	149,000	124,000	25	25	16	4,341,000	3,691,000	1,970,000
Hardeman	70,500	54,000	47,000	68,500	52,000	46,500	23	25	15	1,613,000	1,284,000	675,000
Hardin	50,000	46,000	40,000	48,500	44,000	38,400	21	24	12	1,026,000	1,044,000	476,000
Haywood	117,000	109,000	92,500	110,000	106,000	97,000	23	26	14	2,540,000	2,712,000	1,266,000
Henderson	51,000	46,000	38,000	49,500	43,000	37,500	25	26	17	1,292,000	1,108,000	636,000
Henry	40,500	51,000	44,000	39,200	50,000	42,500	27	29	13	1,062,000	1,447,000	540,000
McNairy	48,000	48,000	40,000	46,400	47,000	39,500	25	22	19	1,025,000	1,025,000	753,000
Madison	91,500	79,000	73,000	89,000	77,000	72,000	24	27	13	2,144,000	2,061,000	915,000
Weakley	96,000	100,000	82,000	93,000	96,000	81,000	26	26	14	2,427,000	2,529,000	1,115,000
District 2	1,036,000	961,000	804,000	1,003,800	927,500	789,700	24	25	14	24,072,000	23,151,000	11,267,000
Cheatham	4,000	5,200	3,700	3,700	5,000	3,300	26	29	20	97,000	143,000	65,000
Dickson	1,800	3,000	3,300	1,600	3,000	3,000	25	27	17	40,000	80,000	37,000
Hickman	4,700	8,000	5,800	4,500	7,800	5,250	26	29	18	118,000	235,000	95,000
Houston	1,600	2,000	2,000	1,400	1,500	1,350	29	29	18	41,000	44,000	26,000
Humphreys	5,100	10,000	8,000	5,000	10,000	7,000	25	31	19	126,000	306,000	133,000
Lawrence	44,700	43,000	32,000	43,000	41,000	31,350	24	25	18	1,040,000	1,013,000	549,000
Lewis	4,500	2,000	2,300	4,200	2,000	2,100	27	28	16	114,000	55,000	33,000
Montgomery	22,400	29,000	23,000	22,000	28,000	22,500	30	32	21	665,000	882,000	484,000
Perry	4,000	8,000	6,000	3,800	8,000	5,000	24	26	14	92,000	206,000	72,000
Robertson	54,500	71,000	54,000	52,000	68,500	50,700	32	33	19	1,677,000	2,234,000	979,000
Stewart	5,500	5,000	4,400	5,200	5,000	4,200	27	28	13	141,000	138,000	56,000
Wayne	16,200	10,000	8,500	14,800	9,500	8,300	23	25	18	343,000	235,000	146,000
District 3	169,000	196,000	153,000	161,200	189,500	146,300	28	29	18	4,494,000	5,542,000	2,643,000
Bedford	18,100	24,000	18,000	17,300	21,000	17,500	23	26	16	403,000	549,000	286,000
Cannon	11,500	12,000	10,000	10,500	11,000	9,500	24	29	19	255,000	321,000	184,000
Clay	1,000	3,000	2,500	800	2,200	2,000	24	29	20	19,000	64,000	40,000
Davidson	6,400	7,000	6,600	6,000	6,300	6,000	29	29	15	176,000	184,000	92,000
DeKalb	8,800	10,000	9,000	8,500	9,000	8,500	28	29	18	241,000	262,000	156,000
Giles	19,600	18,000	14,500	17,500	17,000	14,000	26	29	16	460,000	496,000	224,000
Jackson	3,100	3,000	2,800	2,500	2,500	2,250	24	25	18	61,000	63,000	40,000
Lincoln	38,500	42,000	37,000	36,500	40,000	36,500	26	28	16	960,000	1,126,000	597,000
Macon	6,400	10,000	8,600	5,000	9,000	7,900	26	29	15	128,000	262,000	121,000
Marshall	6,000	8,000	7,200	5,500	8,000	6,900	24	27	20	134,000	217,000	141,000
Maury	19,400	29,000	24,000	18,300	27,000	23,500	30	24	21	556,000	652,000	504,000
Moore	400	2,000	800	400	1,000	600	25	27	20	10,000	27,000	12,000
Rutherford	22,700	28,000	21,500	19,800	24,000	21,000	26	27	16	521,000	652,000	343,000
Smith	3,200	3,000	2,400	2,600	2,000	1,800	29	31	18	76,000	62,000	33,000
Sumner	20,700	24,000	20,000	19,700	23,000	19,000	27	28	19	538,000	648,000	311,000
Trousdale	1,600	2,000	1,800	1,500	2,000	1,600	26	30	16	39,000	60,000	25,000
Williamson	16,000	18,000	15,800	14,030	17,000	15,000	33	33	18	467,000	564,000	276,000
Wilson	6,600	6,000	3,500	5,600	5,000	3,300	29	30	15	164,000	151,000	51,000
District 4	210,000	250,000	206,000	193,000	227,000	197,300	27	28	17	5,238,000	6,360,000	3,446,000

SOYBEANS: Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Acres						Bushels					
Bledsoe	5,900	6,000	4,000	5,700	5,000	3,800	26	27	19	147,000	136,000	71,000
Coffee	35,600	33,000	29,000	33,400	32,000	28,400	26	27	19	869,000	870,000	533,000
Cumberland	3,700	4,000	3,000	3,500	3,500	2,800	28	28	19	97,000	99,000	52,000
Fentress	3,800	9,000	7,000	3,600	8,800	6,400	25	20	19	89,000	177,000	120,000
Franklin	44,300	31,000	31,100	41,800	29,800	30,700	26	28	20	1,077,000	841,000	608,000
Grundy	2,400	4,000	3,000	2,200	3,600	2,800	25	29	19	54,000	105,000	52,000
Marion	10,200	12,000	10,000	9,400	11,400	9,600	31	29	20	292,000	333,000	190,000
Morgan	1,100	2,000	2,000	1,000	1,500	1,900	25	27	20	25,000	41,000	38,000
Overton	2,200	4,000	3,000	1,900	3,100	2,800	26	26	19	49,000	85,000	53,000
Putnam	2,000	5,000	2,000	1,400	2,500	1,900	28	28	19	40,000	71,000	36,000
Sequatchie	2,600	5,000	2,000	2,200	2,000	1,900	24	30	19	52,000	60,000	36,000
Van Buren	*	*	*	*	*	*	*	*	*	*	*	*
Warren	23,000	22,000	19,000	21,800	21,000	18,500	26	25	16	562,000	529,000	289,000
White	4,900	5,000	4,000	3,400	4,500	3,800	27	28	16	91,000	127,000	59,000
Other Counties	1,000	1,000	900	700	400	700	24	28	17	17,000	11,000	12,000
District 5	142,900	139,000	120,000	132,500	129,000	116,000	26	27	19	3,462,000	3,485,000	2,149,000
Blount	6,800	7,000	5,500	6,200	6,300	5,200	26	31	19	159,000	195,000	97,000
Bradley	2,000	2,000	1,800	1,300	1,000	1,200	18	34	17	23,000	34,000	20,000
Cocke	550	2,900	1,500	500	2,000	1,800	28	40	23	14,000	80,000	30,000
Grainger	500	*	*	300	*	*	20	*	*	6,000	*	*
Greene	2,600	2,400	2,100	1,700	2,000	1,600	23	24	23	39,000	47,000	34,000
Hamblen	1,400	900	800	1,000	700	700	27	31	23	27,000	22,000	16,000
Hamilton	2,000	2,500	2,000	1,700	2,000	1,600	18	25	16	31,000	49,000	24,000
Hawkins	900	900	700	800	800	600	20	24	22	16,000	19,000	13,000
Jefferson	1,600	2,500	2,400	1,500	2,000	1,800	25	29	24	37,000	57,000	38,000
Knox	3,400	1,000	1,400	2,200	900	1,300	21	27	23	46,000	28,000	30,000
Loudon	2,500	3,000	3,200	1,700	2,700	1,800	24	27	20	40,000	73,000	36,000
McMinn	5,700	4,000	3,100	4,900	3,600	3,000	29	29	20	67,000	89,000	59,000
Meigs	3,800	2,500	2,400	3,500	2,300	2,100	22	25	18	77,000	44,000	37,000
Monroe	7,400	9,900	7,500	6,800	9,600	7,000	21	27	21	137,000	264,000	145,000
Polk	1,200	3,100	2,200	1,200	2,000	2,000	22	27	23	26,000	61,000	46,000
Rhea	3,900	4,100	3,400	1,900	3,900	3,000	20	28	22	36,000	109,000	65,000
Sevier	1,600	800	1,000	1,000	700	800	27	29	21	40,000	18,000	17,000
Other Counties	700	600	900	600	500	700	28	28	20	9,000	11,000	13,000
District 6	48,250	51,400	44,000	37,900	41,000	35,000	23	28	21	873,000	1,150,000	729,000
State	1,911,000	1,800,000	1,700,000	1,830,000	1,680,000	1,540,000	31	30	19	57,000,000	50,940,000	31,009,000

SOYBEANS: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres						Bushels					
Dyer	172,000	134,000	150,000	168,000	133,000	146,000	28	34	26	4,682,000	4,450,000	3,850,000
Lake	68,500	60,000	67,000	68,000	59,500	65,000	30	38	30	2,050,000	2,250,000	1,950,000
Lauderdale	121,000	116,000	125,000	118,000	115,000	122,000	28	32	24	3,307,000	3,660,000	2,900,000
Obion	126,000	100,000	105,000	125,000	99,000	103,000	29	34	33	3,650,000	3,400,000	3,400,000
Shelby	83,500	77,000	83,000	83,000	76,500	81,000	27	29	23	2,230,000	2,240,000	1,850,000
Tipton	109,000	93,000	100,000	108,000	92,000	98,000	27	28	23	2,940,000	2,580,000	2,250,000
District 1	680,000	580,000	630,000	670,000	575,000	615,000	28	32	26	18,859,000	18,580,000	16,200,000
Benton	12,500	8,000	8,000	12,000	7,000	7,500	29	33	22	350,000	230,000	165,000
Carroll	45,000	29,000	36,000	44,000	28,000	35,000	27	31	22	1,184,000	860,000	770,000
Chester	23,000	14,000	15,000	23,000	13,500	14,500	24	25	18	550,000	340,000	260,000
Crockett	36,000	25,000	24,000	35,000	24,000	23,500	25	31	21	876,000	750,000	500,000
Decatur	9,500	7,000	6,000	8,700	6,400	5,500	23	27	20	202,000	185,000	110,000
Fayette	76,000	69,000	71,000	75,000	68,000	70,000	24	29	23	1,800,000	1,940,000	1,600,000
Gibson	121,000	79,000	83,000	120,000	78,000	82,500	25	31	24	3,076,000	2,400,000	1,950,000
Hardeman	42,500	34,000	32,000	42,000	33,000	31,500	23	28	21	970,000	910,000	650,000
Hardin	40,500	30,000	33,000	39,500	29,000	32,000	20	28	20	790,000	820,000	650,000
Haywood	88,000	65,000	77,000	87,000	64,000	76,000	26	29	22	2,271,000	1,850,000	1,650,000
Henderson	35,000	26,000	28,000	34,000	25,500	27,500	25	32	23	842,000	810,000	630,000
Henry	41,000	28,000	32,000	39,000	27,500	31,000	22	33	26	870,000	900,000	800,000
McNairy	37,500	26,000	28,000	37,000	25,500	27,500	23	27	22	850,000	680,000	615,000
Madison	66,000	43,000	47,000	65,000	43,000	46,500	25	29	22	1,618,000	1,260,000	1,000,000
Weakley	81,000	61,000	60,000	80,500	60,000	64,500	29	30	26	2,070,000	1,800,000	1,650,000
District 2	756,000	540,000	585,000	741,200	512,900	575,000	25	30	23	18,269,000	15,735,000	13,000,000
Cheatham	4,000	3,200	2,800	3,900	3,000	2,400	30	35	29	99,000	105,000	75,000
Dickson	3,300	2,700	2,100	3,200	2,400	1,800	25	31	28	75,000	80,000	50,000
Hickman	5,500	3,700	3,500	4,900	3,300	3,100	26	33	27	128,000	110,000	85,000
Houston	2,000	1,500	1,200	1,900	1,400	1,100	29	32	27	42,000	45,000	30,000
Humphreys	6,000	4,500	4,500	5,800	4,300	4,300	31	36	28	180,000	155,000	120,000
Lawrence	26,000	18,000	17,000	25,000	17,800	16,000	19	29	29	474,000	500,000	470,000
Lewis	2,000	1,500	1,300	1,900	1,400	1,200	30	32	25	57,000	45,000	30,000
Montgomery	23,500	22,500	22,400	22,700	20,500	21,000	28	35	27	636,000	720,000	570,000
Perry	6,000	4,600	4,000	5,700	4,500	3,700	28	29	23	159,000	130,000	85,000
Robertson	44,000	44,000	42,000	43,000	43,000	40,000	30	34	27	1,465,000	1,490,000	1,080,000
Stewart	4,000	3,500	3,500	3,900	3,400	3,400	27	31	26	105,000	105,000	90,000
Wayne	8,000	5,400	5,400	7,800	5,500	5,400	20	31	23	157,000	170,000	125,000
District 3	140,000	115,000	110,000	133,800	110,000	104,000	27	32	27	3,548,000	3,565,000	2,800,000
Bedford	17,000	14,500	14,000	16,500	14,000	13,500	25	29	27	366,000	406,000	370,000
Cannon	9,000	7,000	6,000	8,900	6,900	5,600	25	27	25	221,000	185,000	150,000
Clay	3,000	2,500	2,100	2,900	2,400	2,000	20	30	20	58,000	72,000	40,000
Davidson	6,000	4,600	4,000	5,700	4,400	3,700	31	32	24	175,000	140,000	85,000
DeKalb	8,000	6,900	5,500	7,900	6,800	5,400	26	29	28	221,000	220,000	150,000
Giles	13,000	9,000	8,400	12,700	8,900	8,000	24	34	25	285,000	279,000	180,000
Jackson	2,000	1,600	1,400	1,800	1,500	1,300	23	31	25	41,000	32,000	30,000
Lincoln	33,000	27,000	23,000	32,600	25,800	21,400	25	27	24	806,000	770,000	610,000
Macon	7,000	6,000	5,500	6,700	5,900	4,800	28	31	24	188,000	163,000	130,000
Marshall	7,000	5,300	4,800	6,800	5,000	4,500	27	27	27	187,000	135,000	100,000
Maury	21,000	15,000	14,000	20,500	14,500	13,000	31	30	27	620,000	430,000	350,000
Moore	*	*	*	*	*	*	*	*	*	*	*	*
Rutherford	20,000	16,500	12,000	19,000	14,700	10,400	26	31	26	488,000	400,000	270,000
Smith	2,000	1,400	1,300	1,900	1,300	1,100	20	24	27	37,000	35,000	30,000
Sumner	16,000	14,000	11,000	15,800	13,900	10,000	28	33	26	442,000	430,000	255,000
Trousdale	*	*	*	*	*	*	*	*	*	*	*	*
Williamson	14,000	11,000	8,500	13,800	11,000	7,900	29	34	27	360,000	340,000	215,000
Wilson	3,500	2,200	1,700	3,400	2,100	1,600	23	29	25	69,000	60,000	40,000
Other counties	2,000	1,400	1,000	1,900	1,300	900	26	31	20	46,000	38,000	20,000
District 4	166,000	141,000	121,000	159,000	129,000	111,000	26	30	27	4,424,000	3,700,000	3,030,000

*Less than 500 acres planted for all purposes combined with other counties.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres								Bushels			
Bledsoe	3,700	3,000	2,100	3,400	2,900	2,000	23	29	25	78,000	85,000	50,000
Coffee	22,600	17,000	17,000	22,000	16,700	16,500	20	32	29	438,000	530,000	480,000
Cumberland	2,700	2,500	2,000	2,500	2,400	1,800	22	31	25	55,000	75,000	45,000
Fentress	6,300	4,000	2,800	5,900	3,800	2,700	27	28	30	159,000	105,000	80,000
Franklin	27,400	25,000	25,500	27,000	24,800	25,200	23	32	29	621,000	800,000	720,000
Grundy	2,600	2,000	2,000	2,500	1,900	1,900	28	32	29	70,000	60,000	55,000
Marion	9,000	7,500	7,000	8,900	7,400	6,900	28	35	27	249,000	260,000	185,000
Morgan	1,600	1,200	1,000	1,500	1,100	800	20	31	29	30,000	34,000	23,000
Overton	3,000	2,000	1,400	2,500	1,600	1,300	22	28	28	55,000	45,000	37,000
Putnam	2,200	1,900	1,400	2,000	1,600	1,300	25	31	24	50,000	50,000	31,000
Sequatchie	2,200	1,900	1,500	2,300	1,800	1,300	31	34	21	67,000	60,000	27,000
Van Buren	*	500	600	*	500	500	*	28	24	*	14,000	12,000
Warren	14,500	12,300	10,000	14,000	12,000	9,700	23	29	22	329,000	350,000	210,000
White	4,200	3,800	3,400	4,000	3,100	2,800	24	32	24	95,000	100,000	66,000
Other Counties	1,000	400	300	800	400	300	23	30	30	18,000	12,000	9,000
District 5	103,000	85,000	78,000	99,000	82,000	75,000	23	31	27	2,400,000	2,580,000	2,030,000
Blount	5,000	4,100	3,600	4,600	3,600	2,500	21	31	26	97,000	110,000	74,000
Bradley	1,700	1,000	600	1,000	800	400	23	33	20	23,000	26,000	8,000
Cocke	1,700	900	900	1,000	700	700	32	34	20	32,000	24,000	14,000
Greene	1,900	1,500	1,200	1,400	1,000	700	26	25	21	36,500	25,000	15,000
Hamblen	900	1,000	700	700	800	600	24	31	27	17,000	25,000	16,000
Hamilton	1,200	700	700	1,000	600	500	20	27	20	20,000	16,000	10,000
Hawkins	600	500	500	500	400	400	26	33	23	13,000	13,000	9,000
Jefferson	1,700	1,400	1,400	1,400	1,100	1,000	25	27	22	35,000	30,000	22,000
Knox	1,600	1,400	1,300	1,200	1,200	1,000	29	29	24	35,000	35,000	24,000
Loudon	2,000	1,800	1,400	1,500	1,600	1,600	23	25	21	34,500	40,000	21,000
McMinn	3,500	3,100	2,400	3,100	2,300	1,400	18	26	22	56,000	60,000	35,000
Meigs	2,200	1,900	1,700	2,000	1,700	1,400	21	29	26	42,000	50,000	36,000
Monroe	6,800	5,900	5,000	6,200	5,500	4,400	22	25	23	136,000	135,000	100,000
Polk	1,900	1,600	1,000	1,700	1,300	700	25	27	21	34,000	35,000	15,000
Rhea	3,900	2,100	1,400	2,700	1,700	1,200	27	32	23	74,000	55,000	27,000
Sevier	800	600	*	700	400	*	30	30	*	21,000	12,000	*
Other Counties	500	500	1,200	300	300	600	30	30	23	9,000	9,000	14,000
District 6	36,000	30,000	25,000	31,000	25,500	19,000	23	28	23	715,000	700,000	440,000
State	1,900,000	1,500,000	1,500,000	1,850,000	1,460,000	1,500,000	26	31	25	48,100,000	45,260,000	37,500,000

*Less than 500 acres planted for all purposes. Combined with other counties.

TOBACCO

Tobacco continued to be the number two cash crop in Tennessee, exceeded only by soybeans. Tennessee farmers produced 82.7 million pounds of tabacco in 1986 worth an estimated 126.1 million dollars. Production was down 35 percent from 1985. This was partially due to an acreage reduction of 20 percent from 1985 but also from weather related yield loss. The average yield per acre was 1,682 pounds. This compares with 2,065 last year and 1,621 and 1,728 in the drought years of 1983 and 1980 respectively Burley tobacco production totaled 62 million pounds and accounted for 75 percent of Tennessee's 1986 tobacco production. Dark-fired production amounted to 19.4 million pounds. The remainder, 1.3 million pounds, was dark air-cured tobacco.

Abnormally dry April and May weather followed by wet June weather led to delays in transplanting. Good quality transplants were in short supply. Transplanting was finally completed at the end of June. July weather turned once again very dry and took a heavy toll on yields. The crop, however, responded to good August rainfall. It was apparent at harvest that yields were similar to the 1980 and 1983 drought years and that August rainfall prevented an even more disappointing crop.

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE 1977-86

Year	Acreage Harvested Acres	Yield Per Acre Lbs.	Production 1,000 Lbs.	Marketing Year Average Price Dollars Per Lb.	Value of Production 1,000 Dollars
1977	68,460	1,997	136,746	1.193	163,085
1978	66,850	2,126	142,099	1.261	179,185
1979	60,090	1,745	104,829	1.376	144,275
1980	64,760	1,728	111,931	1.610	180,221
1981	78,650	2,053	161,463	1.776	286,789
1982	82,610	2,156	178,117	1.723	306,830
1983	72,910	1,621	118,197	1.797	212,428
1984	74,990	2,062	154,646	1.792	277,133
1985	61,710	2,065	127,403	1.571	200,189
1986	49,180	1,682	82,707	1.524	126,060

TOBACCO, TYPE 22, EASTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1977-1986

Year	Acreage Harvested Acres	Yield Per Acre Pounds	Total Production 1,000 lbs.	Marketing Year Average Price Cents	Value of Production 1,000 Dollars
1977	13,400	1,800	24,120	134.4	32,417
1978	14,200	1,910	27,122	113.8	30,865
1979	11,800	1,765	20,827	116.7	24,305
1980	10,600	1,745	18,497	143.6	26,562
1981	11,300	1,565	17,685	164.5	29,092
1982	12,200	2,040	24,888	156.8	39,024
1983	10,800	1,540	16,632	184.4	30,669
1984	11,800	2,210	26,078	154.0	40,160
1985	10,800	2,210	23,868	152.2	36,327
1986	8,800	2,025	17,820	143.6	25,590

TOBACCO, TYPE 23, WESTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1977-1986

1977	760	1,710	1,300	122.0	1,586
1978	850	1,620	1,377	105.0	1,446
1979	690	1,710	1,180	112.4	1,326
1980	560	1,610	902	118.1	1,065
1981	650	1,590	1,034	146.6	1,516
1982	810	2,055	1,665	141.1	2,349
1983	810	1,355	1,098	180.9	1,986
1984	890	2,205	1,962	163.5	3,208
1985	810	2,180	1,766	145.0	2,561
1986	680	2,275	1,547	145.9	2,257

TOBACCO, TYPE 31 BURLEY: ACREAGE, YIELD, PRODUCTION AND VALUE, 1977-1986

1977	52,500	2,055	107,888	115.9	125,042
1978	50,000	2,200	110,000	130.2	143,220
1979	46,000	1,745	80,270	144.0	115,589
1980	52,000	1,725	89,700	165.8	148,723
1981	65,000	2,155	140,075	180.2	252,415
1982	68,000	2,185	148,580	176.1	261,649
1983	60,000	1,640	98,400	179.4	176,530
1984	61,000	2,030	123,830	185.8	230,076
1985	49,000	2,030	99,470	159.1	158,257
1986	39,000	1,590	62,010	155.7	96,550

TOBACCO, TYPE 35, DARK AIR-CURED: ACREAGE, YIELD, PRODUCTION AND VALUE 1977-1986

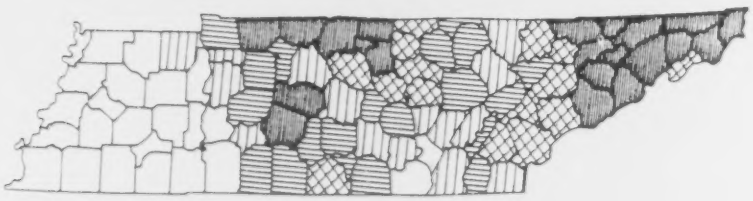
1977	1,800	1,910	3,438	117.5	4,040
1978	1,800	2,000	3,600	101.5	3,654
1979	1,600	1,595	2,552	119.7	3,055
1980	1,600	1,770	2,832	136.7	3,871
1981	1,700	1,570	2,669	141.1	3,766
1982	1,600	1,865	2,984	127.6	3,808
1983	1,300	1,590	2,067	156.9	3,243
1984	1,300	2,135	2,776	132.9	3,689
1985	1,100	2,090	2,299	132.4	3,044
1986	700	1,900	1,330	125.0	1,663

Burley Tobacco—Type 31: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86[1]

Crop Year	November	December	January[2]	February[2]	Season Average[1]
1977	118.3	113.7	112.5	—	115.9
1978	131.3	130.0	126.5	—	130.2
1979	142.9	146.5	144.0	—	144.0
1980	165.0	166.0	165.5	164.5	165.8
1981	179.5	180.5	181.5	—	180.2
1982	178.3	174.7	174.0	176.0	176.1
1983	182.9	178.9	171.0	166.0	179.4
1984	185.6	186.3	184.9	—	185.8
1985	159.6	159.2	157.6	154.8	159.1
1986	157.0	156.0	[3]	[3]	155.7

[1]Marketing season for burley tobacco—Nov. through Feb. [2]Following year. [3]Not available.

BURLEY TOBACCO: 1986 PRODUCTION

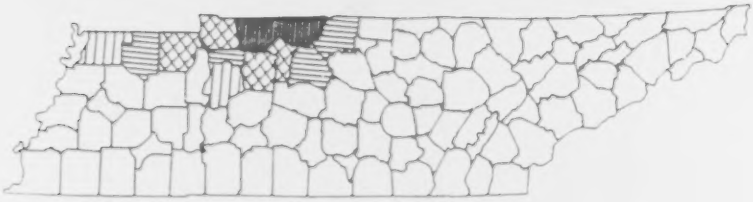


TOP FIVE COUNTIES

1.	GREENE	5,650,000
2.	CLAIBORNE	3,300,000
3.	HAWKINS	3,000,000
4.	WASHINGTON	2,850,000
5.	SUMNER	2,810,000

POUNDS
1,000,000 AND OVER
500,000-999,999
100,000-499,999
UNDER 100,000
NO PRODUCTION

DARK FIRE-CURED TOBACCO: 1986 PRODUCTION

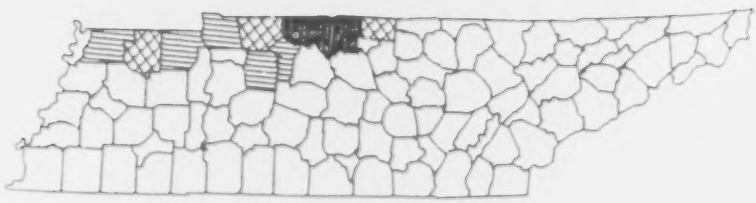


TOP FIVE COUNTIES

1.	ROBERTSON	7,760,000
2.	MONTGOMERY	4,500,000
3.	CHEATHAM	1,775,000
4.	DICKSON	1,740,000
5.	STEWART	1,445,000

POUNDS
4,000,000 AND OVER
1,000,000-3,999,999
50,000-999,999
UNDER 50,000
NO PRODUCTION

DARK AIR-CURED TOBACCO: 1986 PRODUCTION



TOP FIVE COUNTIES

1.	ROBERTSON	740,000
2.	SUMNER	380,000
3.	MACON	95,000
4.	WEAKLEY	53,000
5.	MONTGOMERY	38,500

POUNDS
100,000 AND OVER
20,000-99,999
UNDER 20,000
NO PRODUCTION

TOBACCO: Acreage, Yield and Production—By Counties for 1985 and Preliminary 1986

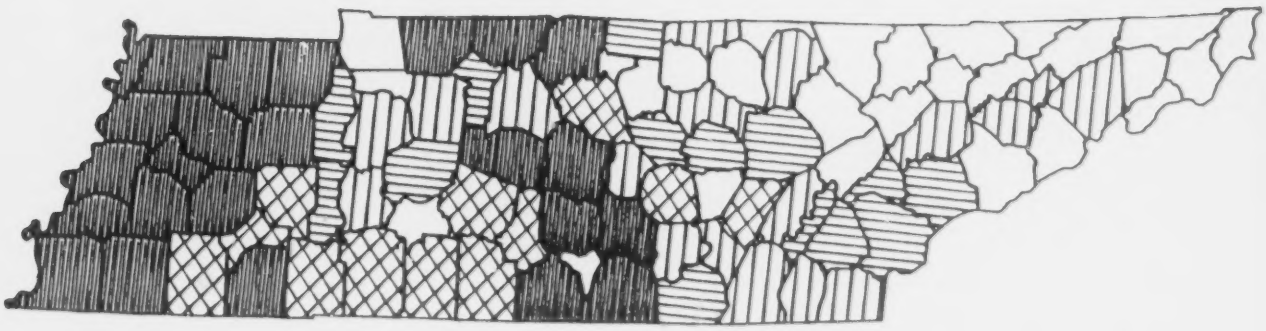
District and County	Acreage Harvested		Yield Per Harvested Acre[1]		Total Production	
	1985	1986	1985	1986	1985	1986
	Acres		Pounds		Pounds	
East Dark-Fired (Type 22)						
Cheatham	1,100	835	2,360	2,125	2,595,000	1,775,000
Dickson	1,040	885	2,350	1,965	2,446,000	1,740,000
Houston	170	145	2,235	1,830	379,800	265,000
Montgomery	2,930	2,410	2,075	1,865	6,079,000	4,500,000
Robertson	4,485	3,660	2,255	2,120	10,115,000	7,760,000
Stewart	800	685	2,115	2,110	1,692,000	1,445,000
Davidson	95	56	1,855	1,745	176,000	97,780
Sumner	175	123	2,150	1,910	376,000	235,000
Other Counties	5	1	1,840	2,220	9,200	2,220
STATE	10,800	8,800	2,210	2,025	23,868,000	17,820,000
West Dark-Fired (Type 23)						
Henry	654	569	2,265	2,275	1,481,000	1,295,000
Weakley	147	106	1,805	2,245	265,100	238,000
Other Counties	9	5	2,210	2,800	19,900	14,000
STATE	810	680	2,180	2,275	1,766,000	1,547,000
Dark Air-Cured (Type 35)						
Henry	10	7	1,970	1,785	19,700	12,500
Weakley	40	23	2,090	2,305	83,500	53,000
Montgomery	31	21	1,855	1,835	57,500	38,500
Robertson	556	385	2,175	1,920	1,208,000	740,000
Macon	85	45	2,085	2,110	177,300	95,000
Sumner	357	213	1,985	1,785	709,000	380,000
Other Counties	21	6	2,095	1,835	44,000	11,000
State	1,100	700	2,090	1,900	2,299,000	1,330,000
Burley (Type 31)						
Cheatham	125	115	1,920	1,785	240,000	205,000
Dickson	107	95	1,820	1,455	195,000	138,000
Hickman	165	100	1,860	1,500	307,000	150,000
Houston	70	55	1,930	1,580	135,000	87,000
Humphreys	21	11	1,940	1,545	40,700	17,000
Lawrence	215	145	1,815	1,450	390,000	210,000
Lewis	44	39	1,930	1,565	85,000	61,000
Montgomery	890	785	2,055	1,655	1,830,000	1,300,000
Robertson	935	855	2,065	1,745	1,930,000	1,490,000
Stewart	285	250	1,825	1,610	520,000	402,000
District 3	2,857	2,450	1,985	1,655	5,672,700	4,060,000
Bedford	318	190	1,700	1,420	550,000	270,000
Cannon	255	170	2,000	1,410	510,000	240,000
Clay	615	490	1,935	1,550	1,190,000	760,000
Davidson	77	60	2,080	1,385	160,000	83,000
DeKalb	710	515	2,085	1,535	1,480,000	790,000
Giles	355	230	1,915	1,325	680,000	305,000
Jackson	955	680	1,895	1,440	1,810,000	980,000
Lincoln	680	460	1,750	1,390	1,190,000	640,000
Macon	1,740	1,450	2,100	1,730	3,650,000	2,510,000
Marshall	440	330	2,070	1,410	910,000	465,000
Maury	1,690	1,300	1,925	1,430	3,250,000	1,860,000
Moore	285	195	2,005	1,490	571,000	290,000
Rutherford	105	70	1,800	1,315	189,000	92,000
Smith	1,470	1,230	2,240	1,710	3,290,000	2,100,000
Sumner	2,370	1,910	2,015	1,470	4,780,000	2,810,000
Trousdale	825	730	2,180	1,725	1,800,000	1,260,000
Williamson	1,120	880	2,105	1,630	2,360,000	1,435,000
Wilson	1,040	610	2,040	1,475	2,120,000	900,000
District 4	15,050	11,500	2,025	1,545	30,480,000	17,790,000

TOBACCO: Acreage, Yield and Production—By Counties for 1985 and Preliminary 1986

District and County	Acreage Harvested		Yield Per Harvested Acre[1]		Total Production	
	1985	1986	1985	1986	1985	1986
	Acres		Pounds		Pounds	
Burley (Type 31 Continued)						
Coffee	22	15	2,225	1,605	49,000	24,100
Cumberland	180	130	1,860	1 425	335,000	185,000
Fentress	182	130	1,785	1,385	325,000	180,000
Franklin	160	105	1,780	1,410	285,000	148,000
Grundy	11	7	1,820	1,345	20,000	9,400
Morgan	45	37	1,980	1,570	89,000	58,000
Overton	335	245	2,015	1,655	675,000	405,000
Pickett	390	280	1,925	1,610	751,000	450,000
Putnam	760	590	2,195	1,560	1,670,000	920,000
Scott	19	15	1,895	1,465	36,000	22,000
Van Buren	35	27	1,855	1,335	65,000	36,000
Warren	205	150	1,900	1,465	390,000	220,000
White	660	538	2,030	1,675	1,340,000	900,000
District 5	3,004	2,269	2,005	1,570	6,030,000	3,557,400
Anderson	182	130	2,035	1,655	370,000	215,000
Blount	670	510	1,880	1,560	1,260,000	795,000
Bradley	120	95	1,960	1,525	235,000	145,000
Campbell	415	335	1,915	1,495	795,000	500,000
Carter	1,040	720	1,855	1,470	1,930,000	1,060,000
Claiborne	2,200	1,850	2,085	1,785	4,590,000	3,300,000
Cocke	1,550	1,170	2,015	1,495	3,120,000	1,750,000
Grainger	1,300	1,120	2,115	1,855	2,750,000	2,075,000
Greene	4,850	3,835	2,030	1,475	9,840,000	5,650,000
Hamblen	880	740	2,225	1,755	1,960,000	1,300,000
Hamilton	12	16	2,000	1,765	24,000	28,200
Hancock	1,010	900	2,160	1,620	2,180,000	1,460,000
Hawkins	2,300	1,910	2,115	1,570	4,870,000	3,000,000
Jefferson	1,250	1,100	2,030	1,865	2,540,000	2,050,000
Johnson	1,150	910	2,010	1,735	2,310,000	1,580,000
Knox	610	440	1,850	1,615	1,130,000	710,000
Loudon	570	440	1,945	1,525	1,110,000	670,000
McMinn	670	580	1,925	1,605	1,290,000	930,000
Meigs	195	210	2,020	1,905	394,000	400,000
Monroe	880	660	1,840	1,415	1,620,000	935,000
Polk	23	13	1,915	1,560	44,000	20,300
Rhea	43	36	1,930	1,765	83,000	63,500
Roane	240	265	2,000	1,805	480,000	478,000
Sevier	1,200	960	2,060	1,615	2,470,000	1,550,000
Sullivan	1,420	960	1,970	1,565	2,800,000	1,500,000
Unicoi	450	390	2,055	1,460	925,000	570,000
Union	780	620	1,985	1,595	1,550,000	990,000
Washington	2,060	1,850	2,225	1,540	4,580,000	2,850,000
District 6	28,070	22,765	2,040	1,605	57,250,000	36,575,000
Other Counties	19	16	1,965	1,720	37,300	27,500
State Total (Burley)	49,000	39,000	2,030	1,590	99,470,000	62,010,000
State Total (All Tobacco)	61,710	49,180	2,065	1,682	127,403,000	82,707,000

[1]Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

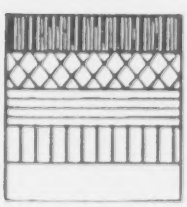
WHEAT



TOP FIVE COUNTIES

1.	DYER	1,200,000
2.	OBION	900,000
3.	WEAKLEY	820,000
4.	GIBSON	800,000
5.	ROBERTSON	640,000

BUSHELS



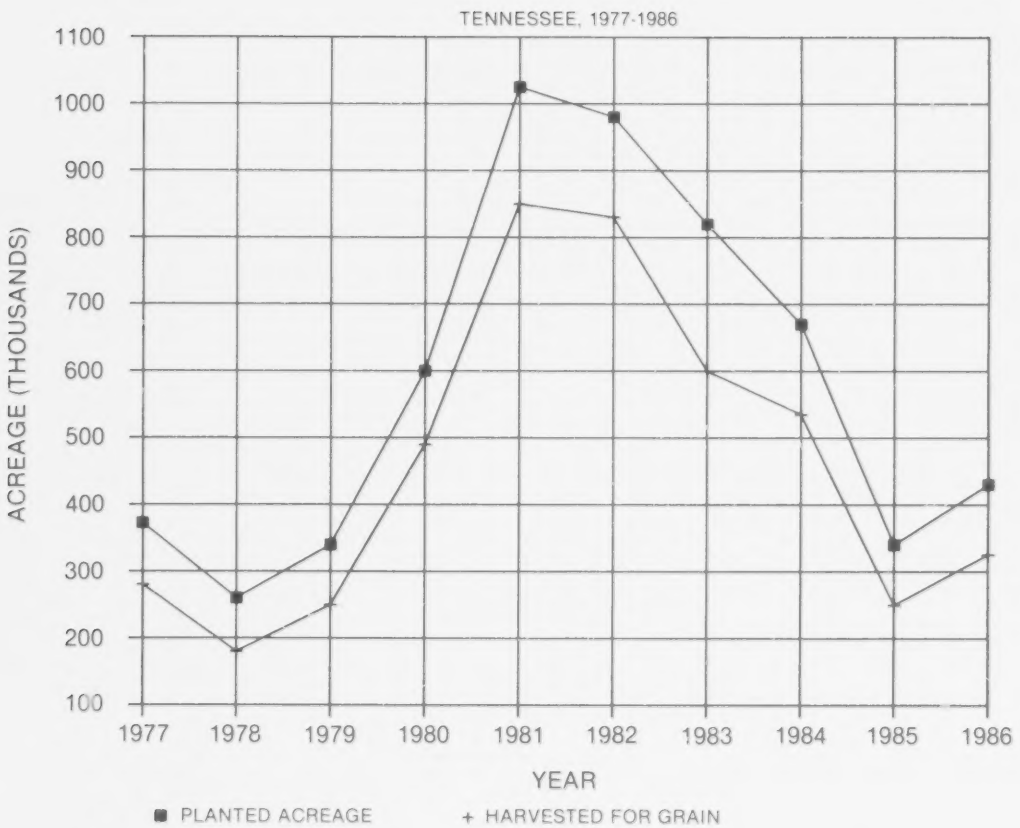
100,000 AND OVER
50,000-99,999
25,000-49,999
10,000-24,999
UNDER 10,000

Tennessee wheat production during 1986 totaled 10.73 million bushels, up 34 percent from 1985, but down 50 percent from 1984. This leap in production was due to an increase of 75,000 acres harvested, the first acreage increase since 1981. Wheat acres harvested for grain in 1986 amounted to 325,000 acres. The State average yield was a disappointing 33 bushels per acre. Yields suffered because of the effects of extremely dry spring weather followed by surplus moisture at harvest. The five year average yield was 37 bushels per acre.

WHEAT: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	1,000		Bu.	1,000 Bu.	Dollars	1,000 Dol.
1977	373	280	36.0	10,080	2.25	22,680
1978	260	180	35.0	6,300	2.90	18,270
1979	340	250	34.0	8,500	3.80	32,300
1980	600	490	38.0	18,620	3.80	70,756
1981	1,025	850	44.0	37,400	3.50	130,900
1982	980	830	36.0	29,880	3.00	89,640
1983	820	600	33.0	19,800	3.30	65,340
1984	670	535	40.0	21,400	3.30	70,620
1985	340	250	32.0	8,000	3.00	24,000
1986	430	325	33.0	10,725	2.50	26,813

WHEAT: PLANTED AND HARVESTED ACREAGE



WHEAT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							DOLLARS PER BUSHEL							
1977	2.80	2.65	2.70	2.60	2.50	2.25	2.20	2.10	2.00	1.95	2.10	2.30	2.35	2.25
1978	2.40	2.55	2.60	2.75	2.80	2.80	2.90	2.95	3.00	3.00	3.15	3.15	2.84	2.90
1979	3.15	3.15	3.30	3.30	3.40	3.70	3.90	3.80	3.80	3.85	3.80	3.95	3.59	3.80
1980	3.90	4.00	4.00	3.75	3.85	3.65	3.70	3.90	4.15	4.40	4.50	4.40	4.03	3.80
1981	4.50	4.40	4.20	4.20	4.00	3.60	3.10	3.30	3.30	3.50	3.60	3.50	3.77	3.50
1982	3.60	3.50	3.40	3.50	3.40	3.00	3.10	3.00	3.00	2.90	3.00	2.90	3.19	3.00
1983	2.70	3.20	3.15	3.25	3.35	3.20	3.30	3.70	3.50	3.50	3.40	3.40	3.30	3.30
1984	3.50	3.30	3.55	3.70	3.55	3.30	3.30	3.35	3.35	3.35	3.50	3.45	3.43	3.30
1985	3.50	3.50	3.50	3.60	3.20	3.10	3.00	2.60	2.50	2.65	3.00	3.10	3.10	3.00
1986	3.00	3.05	3.05	2.90	2.75	2.50	2.50	2.40	2.35	2.50	2.65	2.70	2.70	2.50

[1]Crop market season June 1 through May 31.

WHEAT: Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
			Acres						Bushels			
Dyer	76,600	83,000	68,500	70,000	78,000	54,500	50	38	35	3,475,000	2,997,000	1,915,000
Lake	32,800	38,000	27,800	31,500	35,000	23,000	51	42	38	1,595,000	1,459,000	878,000
Lauderdale	60,000	55,000	46,500	54,500	48,000	36,600	48	39	37	2,595,000	1,875,000	1,360,000
Obion	65,000	68,000	58,500	60,000	65,000	50,500	51	42	34	3,040,000	2,758,000	1,724,000
Shelby	23,800	20,000	19,000	22,000	19,000	15,900	45	36	35	985,000	688,000	559,000
Tipton	49,800	48,000	43,700	48,000	42,300	30,500	41	37	38	1,960,000	1,560,000	1,164,000
District 1	308,000	312,000	264,000	286,000	287,300	211,000	48	40	36	13,650,000	11,337,000	7,600,000
Benton	1,900	3,000	1,500	1,400	2,800	1,100	29	30	27	41,000	60,000	29,300
Carroll	18,000	17,500	14,300	16,500	15,000	11,100	41	32	33	670,000	487,000	365,000
Chester	13,300	10,200	12,100	12,000	9,000	9,600	37	31	27	443,000	279,000	258,000
Crockett	33,500	24,700	17,900	32,700	21,000	12,600	46	40	32	1,520,000	845,000	402,000
Decatur	4,100	3,000	5,100	3,300	2,600	2,900	34	29	32	111,000	57,000	91,500
Fayette	27,300	28,900	24,000	25,500	26,000	18,100	37	34	34	946,000	878,000	613,000
Gibson	52,000	60,000	46,000	45,000	54,000	34,200	45	38	35	2,020,000	2,047,000	1,190,000
Hardeman	13,700	15,000	10,400	8,000	10,000	7,500	37	34	34	297,000	339,000	254,000
Hardin	11,300	11,300	11,400	10,100	10,000	6,600	43	30	28	434,000	302,000	182,000
Haywood	27,300	25,500	19,500	25,700	23,000	15,600	47	39	34	1,200,000	886,000	528,000
Henderson	15,900	10,200	8,500	10,200	9,000	6,000	38	30	33	408,000	269,000	197,000
Henry	28,400	25,100	18,600	26,500	23,000	14,600	41	38	29	1,080,000	878,000	422,000
McNairy	7,200	7,200	9,000	6,000	6,000	6,000	35	32	32	210,000	190,000	192,000
Madison	16,000	15,600	10,600	13,500	14,000	8,500	37	37	36	506,000	574,000	305,000
Weakley	53,400	49,000	44,100	50,000	46,000	34,200	46	37	34	2,320,000	1,704,000	1,160,000
District 2	323,300	305,300	253,000	286,800	270,000	188,100	42	36	33	12,056,000	9,745,000	6,186,800
Cheatham	2,500	2,300	2,700	2,000	2,000	1,900	43	31	28	85,000	62,500	52,500
Dickson	3,700	2,300	3,200	2,100	2,000	2,600	39	31	30	82,000	61,000	77,000
Hickman	5,000	4,900	3,800	3,000	3,000	2,200	35	25	28	104,000	75,000	61,000
Houston	'	500	700	'	300	400	'	37	28	'	11,000	11,000
Humphreys	900	700	900	800	500	600	35	30	28	28,000	15,000	16,800
Lawrence	15,900	16,500	13,200	10,800	13,500	9,500	44	30	30	475,000	400,000	281,000
Lewis	800	800	800	600	600	500	33	41	28	20,000	24,500	13,800
Montgomery	22,900	17,600	16,700	19,000	16,000	13,300	44	38	30	835,000	604,000	393,000
Perry	2,300	3,100	1,500	1,800	2,500	1,000	38	36	28	68,000	89,000	27,600
Robertson	45,700	49,000	35,300	40,000	45,000	26,100	44	38	30	1,765,000	1,688,000	771,000
Stewart	'	500	500	'	300	300	'	33	26	'	10,000	7,700
Wayne	4,600	2,500	5,300	4,400	2,300	4,000	35	27	27	155,000	63,000	106,000
Other Counties	900			700			39			27,000		
District 3	104,700	100,700	86,600	85,200	88,000	62,400	43	35	29	3,844,000	3,103,000	1,818,200

WHEAT: Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Acres						Bushels					
Bedford	17,100	20,500	10,600	13,000	17,000	7,000	50	30	30	650,000	506,000	210,000
Cannon	3,700	3,000	2,900	1,500	2,000	1,700	44	33	31	66,000	66,000	53,000
Clay	2,000	1,500	2,400	1,300	1,000	1,500	37	29	29	48,000	29,000	43,600
Davidson	950	1,700	1,150	900	1,400	800	44	26	22	40,000	37,000	17,600
DeKalb	2,700	2,200	2,500	1,700	2,000	1,700	37	29	31	63,000	58,000	53,000
Giles	10,600	9,500	8,200	6,500	6,500	5,600	43	31	28	366,000	201,000	157,000
Jackson	1,000	600	*	400	500	*	40	30	*	16,000	15,000	*
Lincoln	17,000	22,000	10,400	10,500	15,000	6,400	46	31	31	486,000	458,000	199,000
Macon	5,700	2,200	5,000	5,300	2,000	3,800	38	28	30	200,000	55,000	114,000
Marshall	6,500	12,000	6,700	3,800	6,000	3,200	41	28	24	157,000	170,000	77,000
Maury	12,200	15,800	13,400	8,900	12,000	6,900	40	28	27	348,000	332,000	186,000
Moore	750	*	*	500	*	*	40	*	*	20,000	*	*
Rutherford	12,200	14,500	11,000	7,300	11,000	6,600	45	29	30	333,000	314,000	198,000
Smith	900	*	800	500	*	400	40	*	31	20,000	*	12,400
Sumner	9,800	10,000	9,200	8,000	8,000	6,800	44	36	27	350,000	285,000	184,000
Trousdale	2,000	1,000	1,600	1,400	900	1,200	36	27	25	51,000	24,000	30,200
Williamson	16,200	12,300	14,800	13,000	11,000	10,700	42	29	31	545,000	319,000	317,000
Wilson	5,700	4,200	4,900	3,600	3,000	3,100	40	27	30	144,000	81,000	93,500
Other Counties		1,000	1,100		700	600		31	26		22,000	15,700
District 4	126,000	134,000	106,600	90,000	102,000	67,500	43	30	29	3,900,000	2,972,000	1,967,000
Bledsoe	7,100	5,000	5,100	3,500	3,500	3,900	41	28	28	118,000	99,000	109,000
Coffee	23,700	15,800	11,600	17,000	12,000	7,700	40	32	31	675,000	384,000	239,000
Cumberland	1,700	1,700	1,000	1,300	600	700	40	34	28	52,000	20,500	19,600
Fentress	*	700	*	*	400	*	*	25	*	*	10,000	*
Franklin	27,700	25,800	19,100	23,600	22,800	15,200	47	34	34	1,105,000	748,000	517,000
Grundy	3,400	4,000	1,800	1,700	2,000	700	41	38	30	44,000	76,000	21,100
Marion	3,200	4,000	1,800	2,500	3,000	1,500	37	29	28	92,000	86,000	42,100
Morgan	700	1,300	*	400	600	*	23	28	*	9,000	16,500	*
Overton	3,000	1,300	1,000	1,800	800	700	39	31	36	69,000	25,000	25,200
Putnam	1,100	700	700	650	500	500	35	30	29	23,000	15,000	14,500
Sequatchie	1,500	1,400	900	900	1,000	700	40	36	31	36,000	36,000	21,800
Van Buren	*	*	600	*	*	400	*	*	30	*	*	12,000
Warren	19,100	13,500	13,000	11,000	8,000	9,100	40	31	32	441,000	248,000	292,000
White	6,300	3,500	3,600	3,500	2,000	2,400	38	32	34	129,000	63,900	82,100
Other Counties	1,500	900	1,300	800	600	700	34	28	28	27,000	17,000	19,600
District 5	99,500	78,000	60,400	68,000	57,000	44,200	41	33	32	2,820,000	1,841,000	1,419,000
Blount	4,700	5,600	5,500	3,800	3,700	3,300	40	33	33	152,000	121,000	108,000
Bradley	3,700	2,100	2,700	1,400	1,000	1,100	32	32	33	52,000	32,000	36,100
Claiborne	*	700	500	*	200	300	*	36	31	*	7,100	9,300
Cocke	600	500	600	400	300	500	40	30	34	16,000	9,000	16,900
Grainger	*	600	600	*	300	300	*	33	29	*	9,900	8,700
Greene	4,700	3,200	2,900	2,500	1,800	1,500	38	28	30	94,000	50,000	44,700
Hamblen	2,300	1,800	1,500	1,000	1,100	800	40	35	29	40,000	35,000	23,100
Hamilton	1,500	2,100	1,500	800	1,400	800	36	29	30	28,000	41,000	23,900
Hawkins	1,200	1,100	1,400	1,000	800	800	40	31	24	35,000	25,000	19,100
Jefferson	3,000	2,600	2,800	2,300	2,000	1,900	41	37	34	94,000	62,000	64,000
Knox	1,700	900	1,200	500	300	400	40	33	34	20,000	10,000	13,500
Loudon	3,100	3,000	2,700	2,400	2,000	1,600	36	34	34	92,000	68,000	54,000
McMinn	10,500	8,800	4,200	3,300	2,900	1,600	40	32	32	132,000	91,500	51,000
Meigs	3,200	2,000	2,300	1,800	800	900	35	31	34	38,000	25,000	30,400
Monroe	7,800	6,700	7,900	5,900	4,700	5,000	42	32	32	247,000	148,500	159,000
Polk	3,200	1,700	2,500	1,300	1,400	1,200	34	30	33	51,000	42,000	39,200
Rhea	3,500	2,100	2,200	1,300	1,000	1,100	39	30	26	44,000	30,000	28,400
Sevier	1,800	900	1,300	1,700	700	800	42	28	33	71,500	20,000	25,500
Sullivan	600	600	*	350	200	*	33	29	*	12,000	5,700	*
Washington	4,800	1,800	3,200	2,100	1,000	1,900	35	29	29	74,000	28,500	52,000
Other Counties	2,100	1,200	1,400	950	500	600	35	32	29	33,000	15,900	17,300
District 6	63,500	50,000	49,400	34,000	29,000	29,300	39	32	31	1,316,500	867,000	817,000
State	1,025,000	960,000	870,000	850,000	845,000	660,000	44	38	33	37,400,000	29,880,000	19,800,000

*Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres						Bushels					
Dyer	56,500	26,500	35,000	47,500	27,000	32,500	40	30	37	1,915,000	670,000	1,200,000
Lake	15,000	8,000	11,000	13,000	6,000	15,000	42	32	41	547,000	190,000	410,000
Lauderdale	33,500	12,000	14,000	26,500	9,000	12,000	40	26	36	1,065,000	230,000	430,000
Obion	54,000	19,000	27,000	47,000	16,000	25,000	43	30	36	2,035,000	480,000	900,000
Shelby	18,000	8,000	9,000	14,000	6,500	8,000	42	25	41	589,000	160,000	325,000
Tipton	19,000	7,000	9,000	16,000	5,500	8,500	40	25	38	640,000	140,000	325,000
District 1	196,000	80,000	105,000	164,000	65,000	96,000	41	29	37	6,791,000	1,870,000	3,590,000
Benton	3,500	1,300	1,500	3,200	800	1,300	35	35	31	106,000	28,000	40,000
Carroll	15,500	7,500	7,500	13,000	6,000	6,600	39	33	35	508,000	200,000	230,000
Chester	10,500	3,000	3,300	9,000	2,400	2,700	32	33	30	290,000	80,000	80,000
Crockett	10,000	3,000	3,500	8,700	2,500	2,800	44	32	38	383,000	80,000	105,000
Decatur	3,900	1,400	1,500	2,400	1,200	1,300	38	31	27	107,000	31,000	35,000
Fayette	15,500	8,000	9,100	13,600	6,000	7,000	40	28	37	522,000	170,000	265,000
Gibson	34,500	15,000	25,500	28,500	12,000	21,300	43	31	38	1,205,000	370,000	800,000
Haldeman	6,000	4,000	4,600	5,000	3,000	3,500	37	27	27	185,000	80,000	95,000
Hardin	4,400	2,500	3,500	2,400	1,300	2,400	37	31	31	76,800	40,000	80,000
Haywood	14,000	4,000	5,000	12,100	3,000	4,300	44	33	37	534,000	100,000	160,000
Henderson	6,900	2,500	2,900	6,000	1,900	2,300	36	37	37	216,000	70,000	85,000
Henry	18,300	7,000	14,000	16,000	5,000	12,500	45	32	34	722,000	190,000	430,000
McNairy	5,700	4,000	5,000	5,000	3,200	4,300	32	31	34	160,000	100,000	145,000
Madison	9,100	3,200	3,500	7,700	2,500	3,000	38	36	40	294,000	90,000	120,000
Weakley	43,000	14,000	25,000	37,000	11,500	23,000	40	32	36	1,490,000	370,000	820,000
District 2	200,800	80,200	115,000	169,000	63,100	99,000	40	32	35	6,798,800	1,999,000	3,500,000
Cheatham	1,900	800	1,200	1,400	600	800	41	34	32	57,400	20,500	25,500
Dickson	1,700	900	1,100	1,500	600	800	34	32	29	51,000	19,000	23,500
Hickman	5,100	1,700	2,200	3,000	1,000	1,500	35	29	30	105,000	35,000	44,500
Houston	500	*	*	300	*	*	37	*	*	11,200	*	*
Humphreys	700	*	500	600	*	400	31	*	28	18,500	*	11,000
Lawrence	10,800	4,000	6,400	5,000	2,400	3,700	39	33	22	215,000	80,000	80,000
Lewis	600	*	*	500	*	*	33	*	*	16,500	*	*
Montgomery	11,600	5,000	9,500	8,500	4,000	7,000	42	35	29	358,000	145,000	200,000
Perry	900	600	800	700	400	500	30	30	24	21,000	12,000	12,000
Robertson	32,100	17,000	23,000	28,000	13,900	19,000	47	35	34	1,185,000	480,000	640,000
Stewart	500	*	500	400	*	300	35	*	32	14,000	*	9,500
Wayne	7,900	3,500	4,200	6,400	2,900	3,600	41	35	26	263,000	100,000	95,000
Other Counties		1,300	800		900	400		33	23		29,500	9,000
District 3	72,400	34,800	50,000	56,300	25,900	38,200	41	34	30	2,315,600	921,000	1,150,000
Bedford	8,400	4,700	6,500	6,500	3,300	4,000	39	33	26	255,000	108,000	105,000
Cannon	1,700	1,000	1,300	1,400	700	800	38	31	26	57,000	22,000	21,000
Clay	1,500	1,000	1,100	1,200	800	600	32	31	28	38,400	25,000	17,000
Davidson	800	500	500	700	400	400	31	30	25	21,500	12,000	10,000
DeKalb	1,800	1,500	1,700	1,500	1,300	1,100	35	32	24	52,500	37,000	26,000
Giles	6,700	3,500	4,500	5,000	3,200	2,200	35	30	24	176,000	96,000	52,000
Lincoln	16,500	12,000	14,400	11,200	6,800	8,000	43	35	26	372,000	240,000	210,000
Macon	3,400	2,800	2,800	2,700	1,400	1,700	40	35	27	108,000	53,000	46,000
Marshall	10,700	7,000	9,500	6,300	4,100	4,200	37	33	23	234,000	134,000	95,000
Maury	7,400	5,000	6,000	6,600	4,300	3,600	33	29	23	198,000	115,000	83,000
Moore	*	*	*	*	*	*	*	*	*	*	*	*
Rutherford	9,800	7,100	9,500	8,500	5,900	6,000	41	32	27	350,000	187,000	160,000
Smith	*	*	500	*	*	300	*	*	27	*	*	9,500
Sumner	6,400	4,500	4,700	5,900	3,800	3,800	40	32	28	236,000	120,000	105,000
Trousdale	1,100	500	600	1,000	350	350	34	29	26	34,000	10,000	9,000
Williamson	12,000	7,500	7,500	7,600	4,500	4,200	36	29	25	275,000	130,000	105,000
Wilson	6,000	4,500	4,900	4,300	3,000	3,200	38	29	23	164,000	86,000	75,000
Other Counties	1,400	900	800	1,100	650	500	36	31	25	39,500	20,000	12,500
District 4	98,200	65,000	75,000	77,000	44,000	45,000	37	32	25	2,610,900	1,390,000	1,140,000

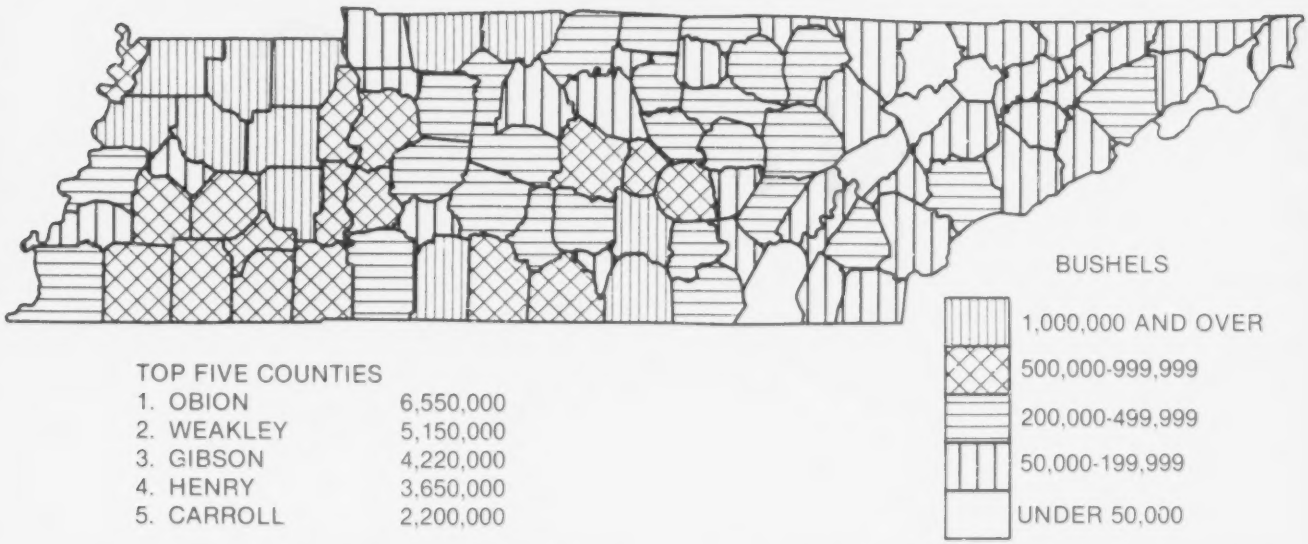
*Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres						Bushels					
Bledsoe	3,700	2,500	2,700	3,000	2,200	1,900	40	34	32	120,000	75,000	60,000
Coffee	12,400	7,500	8,500	7,800	5,000	4,100	36	34	28	282,000	170,000	115,000
Cumberland	1,300	1,500	1,500	1,000	900	900	38	36	28	38,200	32,000	25,000
Fentress	*	600	600	*	300	450	*	33	27	*	10,000	12,200
Franklin	21,000	18,000	21,500	19,000	16,300	18,000	43	37	30	825,000	600,000	545,000
Grundy	1,000	700	800	900	600	600	38	37	37	34,400	22,000	22,000
Marion	2,100	1,500	1,500	1,900	1,300	1,100	34	31	29	64,600	40,000	32,000
Morgan	*	*	*	*	*	*	*	*	*	*	*	*
Overton	700	600	600	600	400	300	36	35	26	21,600	14,000	7,800
Putnam	800	600	700	400	300	500	38	32	30	15,200	9,500	15,000
Sequatchie	1,000	1,000	1,100	800	700	450	40	33	27	32,100	23,000	12,000
Van Buren	500	*	*	400	*	*	38	*	*	15,200	*	*
Warren	11,500	7,100	6,600	9,500	4,000	3,300	36	33	28	344,000	133,000	93,000
White	3,200	2,500	2,700	2,800	1,500	1,200	41	36	25	115,000	54,000	30,000
Other Counties	1,400	900	1,200	900	500	700	34	35	30	30,800	17,500	21,000
District 5	60,600	45,000	50,000	49,000	34,000	33,500	40	35	30	1,938,100	1,200,000	990,000
Blount	4,600	3,500	3,300	3,500	2,000	1,600	41	38	31	144,000	75,000	49,000
Bradley	2,600	2,500	2,400	1,000	800	700	40	38	26	40,000	30,000	18,000
Claiborne	*	*	*	*	*	*	*	*	*	*	*	*
Cocke	*	*	*	*	*	*	*	*	*	*	*	*
Grainger	*	*	*	*	*	*	*	*	*	*	*	*
Greene	2,300	1,900	1,900	1,600	700	500	34	39	28	54,700	27,000	14,000
Hamblen	1,100	900	1,000	800	500	450	40	38	31	32,000	19,000	14,000
Hamilton	1,200	900	900	800	600	450	34	35	22	27,200	21,000	10,000
Hawkins	800	600	600	500	400	300	39	40	22	19,500	16,000	6,500
Jefferson	2,500	2,000	1,800	2,000	1,300	850	40	38	26	80,000	49,000	22,000
Knox	900	900	1,000	400	400	350	44	38	29	17,600	15,000	10,000
Loudon	2,100	1,700	1,800	1,400	1,100	900	43	38	30	60,500	42,000	27,000
McMinn	5,800	5,000	4,900	2,600	1,900	1,400	36	35	26	94,400	67,000	36,000
Meigs	2,900	2,500	2,600	1,000	1,200	1,000	45	37	26	45,000	44,000	26,000
Monroe	7,000	4,900	5,100	4,500	2,600	2,100	36	35	23	163,000	90,000	48,000
Polk	3,000	2,300	2,500	1,300	900	900	30	31	23	38,900	28,000	21,000
Rhea	2,900	2,200	2,100	1,200	900	700	33	36	29	39,700	32,000	20,000
Sevier	900	700	600	600	500	300	42	42	27	25,100	21,000	8,200
Sullivan	*	*	*	*	*	*	*	*	*	*	*	*
Washington	600	500	500	500	250	150	34	35	24	17,000	8,700	3,600
Other Counties	2,300	2,000	2,000	1,300	950	850	36	37	26	47,000	35,300	21,900
District 6	43,500	35,000	35,000	25,000	17,000	13,500	38	36	26	945,600	620,000	355,000
State	679,000	540,000	430,000	535,000	356,000	325,000	40	37	33	21,400,000	8,000,000	10,725,000

*Less than 500 acres planted for all purposes; combined with other counties.

CORN



TOP FIVE COUNTIES

1. OBION	6,550,000
2. WEAKLEY	5,150,000
3. GIBSON	4,220,000
4. HENRY	3,650,000
5. CARROLL	2,200,000

Abnormally dry field conditions and warmer than normal temperatures allowed initial planting of corn to progress two to three weeks ahead of schedule. However, continued dry soil conditions in Middle and East Tennessee postponed further planting and caused irregular germination and weed control problems. Then late May and early June rains delayed the final planting progress in West and upper Middle Tennessee. Planted acreage at 910 thousand was 4 percent below the previous year.

Heat and drought stress primarily in Middle and East Tennessee characterized the growing season from mid-June to mid-August. Some corn failed to receive adequate rainfall when silking and tasseling. The corn matured over a week ahead of normal.

Some corn originally intended for grain was ultimately harvested for silage due to poor prospective yields. By August 31, 55 percent of the silage acreage and 6 percent of the corn for grain was harvested. Corn condition was 29 percent poor to very poor, 56 percent fair, 14 percent good, and one percent excellent at the end of August.

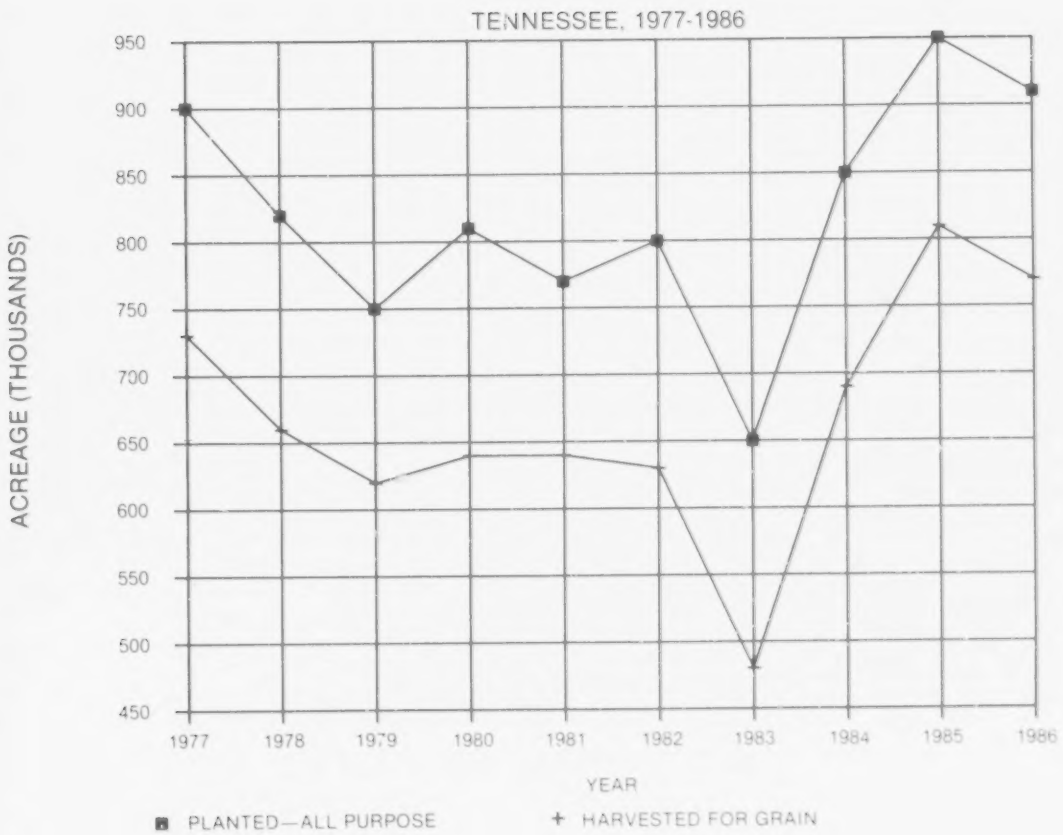
Yields averaged 74 bushels per acre but varied widely throughout the State. This yield was 24 bushels less than the record yield of 98 bushels set in 1985. Silage yield at 12.0 tons per acre was down 4 tons or 25 percent from the previous year.

Corn grain production at 56.98 million bushels from 770 thousand acres was down 28 percent from 1985 due to both reduced yields and acreage. Silage production at 1.56 million tons from 130 thousand acres was down 22 percent from the previous year.

CORN: ACREAGE, YIELD, PRODUCTION, AND VALUE TENNESSEE, 1977-86

		Grain					Silage		
Year	All Acres Planted	Acres Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production	Acres Harvested	Yield	Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1977	900	730	68.0	49,640	2.10	104,244	150	14.0	2,100
1978	820	660	69.0	45,540	2.40	109,296	150	14.5	2,175
1979	750	620	85.0	52,700	2.85	150,195	116	16.5	1,914
1980	810	640	46.0	29,440	3.50	103,040	150	11.5	1,725
1981	770	640	84.0	53,760	2.70	145,152	118	16.5	1,947
1982	800	630	90.0	56,700	2.65	150,255	150	16.5	2,475
1983	650	480	48.0	23,040	3.65	84,096	145	12.5	1,813
1984	850	690	95.0	65,550	2.90	190,095	135	17.0	2,295
1985	950	810	98.0	79,380	2.30	182,574	125	16.0	2,000
1986	910	770	74.0	56,980	1.60	91,168	130	12.0	1,560

CORN: PLANTED & HARVESTED FOR GRAIN



CORN: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							DOLLARS PER BUSHEL							
1977	2.70	2.75	2.80	2.80	2.60	2.50	2.35	2.10	1.95	1.90	2.00	2.20	2.39	2.10
1978	2.25	2.35	2.40	2.45	2.45	2.55	2.50	2.35	2.25	2.20	2.35	2.35	2.37	2.40
1979	2.45	2.50	2.50	2.55	2.65	2.70	3.15	2.90	2.85	2.85	2.70	2.85	2.72	2.85
1980	2.80	2.85	2.90	2.70	2.75	2.75	2.85	3.05	3.40	3.45	3.60	3.60	3.06	3.50
1981	3.70	3.70	3.60	3.65	3.60	3.60	3.40	3.20	2.90	2.70	2.50	2.60	3.26	2.70
1982	2.80	2.70	2.60	2.75	2.70	2.80	2.70	2.50	2.45	2.20	2.50	2.60	2.61	2.65
1983	2.60	2.80	2.85	3.20	3.20	3.30	3.50	3.90	3.60	3.70	3.75	3.35	3.31	3.65
1984	3.55	3.50	3.70	3.75	3.70	3.70	3.75	3.50	3.30	2.90	2.80	2.75	3.41	2.90
1985	2.75	2.90	2.90	2.95	2.85	2.85	2.80	2.50	2.20	2.15	2.40	2.50	2.65	2.30
1986	2.50	2.45	2.45	2.40	2.60	2.60	2.10	1.75	1.55	1.55	1.70	1.70	2.11	1.60

[1]Crop market season September 1 through August 31.

CORN. Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Acres						Bushels					
[illegible]												

CORN. Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Acres						Bushels					
Bedford	11,500	11,000	15,200	9,000	8,000	6,200	72	82	47	649,000	656,000	293,000
Cannon	9,000	7,900	8,100	8,000	7,000	6,600	78	88	37	624,000	616,000	246,000
Clay	4,600	3,800	3,400	4,500	3,500	2,800	76	85	42	342,000	298,000	118,000
Davidson	1,300	1,500	1,400	1,200	1,500	1,200	74	90	42	89,000	135,000	50,500
DeKalb	4,400	4,100	3,000	4,300	4,000	2,800	88	85	36	337,000	340,000	100,000
Giles	14,500	13,500	12,100	13,500	10,200	9,200	93	90	47	1,065,000	918,000	435,000
Jackson	3,000	3,500	2,100	2,900	3,300	1,900	76	82	42	221,000	271,000	80,000
Lincoln	10,800	13,500	12,000	9,800	11,000	8,400	86	84	50	841,000	924,000	418,000
Macon	7,000	7,900	6,500	6,500	7,000	5,300	90	85	42	583,000	595,000	224,000
Marshall	6,000	8,600	9,200	5,700	6,000	4,600	78	75	47	445,000	450,000	216,000
Maury	9,000	9,000	5,800	5,000	5,200	2,900	78	78	55	390,000	390,000	160,000
Moore	1,700	1,800	1,000	1,000	1,300	800	68	79	42	68,000	103,000	33,500
Rutherford	8,800	13,000	9,100	6,000	7,000	5,900	79	78	37	474,000	546,000	221,000
Smith	4,200	4,400	4,600	3,900	4,300	4,000	76	84	45	297,000	336,000	180,000
Sumner	10,800	15,500	11,400	9,700	14,000	10,300	90	91	43	870,000	1,273,000	445,500
Trousdale	2,200	2,200	1,400	2,000	2,000	1,300	86	86	43	175,000	172,000	56,000
Williamson	5,200	6,800	6,600	3,500	4,000	3,600	88	89	33	307,000	356,000	118,000
Wilson	3,500	7,000	6,100	2,500	5,200	3,200	86	83	33	214,000	432,000	106,000
District 4	119,000	136,000	115,000	97,000	104,000	81,000	83	85	43	8,031,000	8,811,000	3,500,000
Bledsoe	7,300	6,900	4,300	5,500	5,000	4,100	68	78	66	375,000	389,000	272,000
Coffee	19,000	20,400	14,400	16,900	16,000	12,100	79	89	48	1,333,000	1,596,000	584,000
Cumberland	7,000	10,000	5,000	5,900	6,000	4,200	91	90	57	453,000	539,000	238,000
Fentress	9,700	6,400	6,500	7,700	5,800	6,600	83	97	52	596,000	484,000	312,000
Franklin	16,100	17,000	15,000	12,700	13,000	11,700	65	95	61	829,000	1,232,000	719,000
Grundy	3,500	4,000	2,500	2,900	3,300	2,300	88	89	62	254,000	266,000	142,000
Marion	3,500	4,000	2,900	2,500	3,000	2,500	84	94	71	209,000	281,000	184,000
Morgan	3,800	3,000	2,700	3,000	2,000	1,900	88	91	55	263,000	182,000	88,000
Overton	8,200	12,000	7,900	6,600	7,000	5,200	82	99	49	540,000	691,000	256,000
Pickett	2,200	1,700	1,600	2,000	1,500	1,500	86	93	52	171,000	139,000	78,000
Putnam	5,600	5,500	5,800	3,600	4,000	2,800	79	82	49	284,000	327,000	137,000
Scott	1,500	1,500	1,600	800	900	800	76	90	57	61,000	81,000	45,500
Sequatchie	2,300	1,900	2,100	1,400	1,500	1,400	86	98	57	119,000	147,000	91,500
Van Buren	1,200	2,000	1,400	900	1,400	1,200	66	68	57	59,000	109,000	68,000
Warren	13,600	19,000	16,100	10,500	13,500	11,500	84	92	43	879,000	1,239,000	500,000
White	10,000	7,400	10,700	7,600	6,000	7,600	84	90	73	638,000	539,000	553,000
District 5	114,000	122,000	100,300	89,500	91,000	71,100	79	91	55	7,061,000	8,241,000	4,768,000
Anderson	-	-	-	-	-	-	-	-	-	-	-	-
Blount	7,400	8,300	7,200	4,300	5,000	4,000	81	91	56	349,000	453,000	223,000
Bradley	4,000	4,000	4,400	2,100	2,000	1,700	66	81	56	138,000	161,000	96,000
Campbell	1,000	1,000	1,000	800	700	800	83	89	71	66,600	62,000	56,500
Carter	1,000	900	1,000	1,000	700	800	68	86	75	80,000	60,000	60,000
Claiborne	2,900	3,800	3,100	2,600	2,000	1,400	78	78	56	156,600	155,000	106,000
Cocke	5,100	5,900	7,500	4,500	4,500	4,200	89	85	61	405,000	341,000	255,000
Grainger	2,400	1,900	2,700	1,500	1,500	1,500	78	82	56	117,000	82,000	83,500
Greene	10,500	20,000	14,000	5,300	7,500	5,400	72	72	66	379,000	580,000	354,000
Hamblen	3,500	6,000	3,400	2,000	2,600	1,700	86	91	56	172,000	181,000	96,000
Hamilton	2,600	1,700	3,300	1,600	1,000	1,700	71	73	56	113,000	73,000	67,500
Hancock	1,800	1,100	1,600	1,200	900	1,100	87	78	55	131,000	78,000	60,000
Hawkins	4,300	6,800	5,700	3,600	4,200	3,300	67	72	53	239,500	286,000	171,000
Jefferson	6,400	6,000	5,800	4,200	4,000	3,700	83	99	53	349,000	397,000	195,000
Johnson	3,000	4,000	3,000	1,500	2,000	1,100	115	116	94	171,800	231,000	103,000
Knox	2,900	3,100	2,500	1,700	2,000	1,400	74	96	61	135,000	192,000	85,000
Loudon	4,000	4,000	4,700	2,800	3,000	2,900	82	93	47	230,000	277,000	108,900
McMinn	8,800	15,000	7,500	4,400	4,000	2,700	69	85	56	295,000	245,000	115,000
Meigs	3,400	2,900	4,400	1,600	800	1,600	79	79	57	119,900	63,000	82,500
Monroe	11,800	7,000	5,200	5,400	3,000	1,900	71	90	52	386,000	271,000	98,000
Polk	4,400	2,800	2,400	4,200	2,800	1,300	66	90	66	207,000	179,000	85,500
Rhea	4,400	5,100	4,700	3,900	4,000	3,000	69	91	57	220,000	362,000	155,000
Roane	3,100	1,400	1,400	1,400	800	800	59	75	52	82,000	60,000	41,200
Sevier	5,600	5,000	4,700	5,200	4,000	3,100	90	90	56	460,000	360,000	174,000
Sullivan	4,100	6,000	5,200	2,400	3,000	2,200	88	88	75	211,000	221,000	165,000
Unicoi	-	-	-	-	-	-	-	-	-	-	-	-
Union	700	800	700	400	400	400	83	78	65	32,900	31,000	26,100
Washington	10,000	10,000	8,700	4,300	5,000	3,400	84	83	58	362,000	416,000	202,000
Other Counties	700	800	700	600	600	400	74	83	68	44,600	50,000	27,200
District 6	121,400	124,000	114,000	72,000	68,600	56,500	78	88	58	5,660,000	5,876,000	3,291,000
State	770,000	800,000	654,000	640,000	638,000	480,000	84	90	48	53,760,000	56,700,000	23,040,000

1 Less than 500 acres planted for all purposes, combined with other counties.

CORN: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

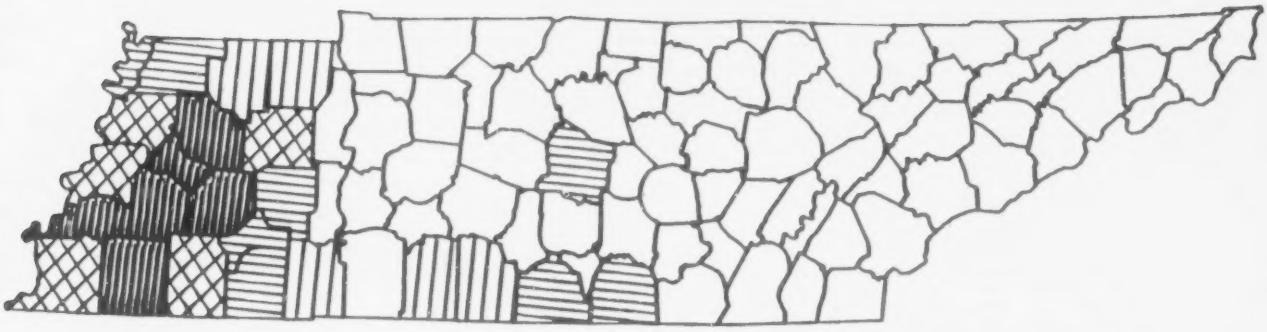
District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres						Bushels					
Dyer	17,000	19,000	20,000	15,500	18,000	19,000	100	110	95	1,555,000	1,980,000	1,795,000
Lake	1,100	5,000	5,600	1,000	4,800	5,500	150	140	110	150,000	670,000	605,000
Lauderdale	3,000	5,500	6,200	2,600	4,900	5,700	115	122	84	301,000	600,000	480,000
Obion	41,000	55,000	52,000	39,700	53,000	61,000	113	121	107	4,495,000	6,415,000	6,550,000
Shelby	3,000	3,100	3,500	2,600	2,800	3,100	76	82	71	198,000	230,000	220,000
Tipton	1,900	2,400	2,700	600	1,500	2,100	85	90	71	51,000	135,000	150,000
District 1	67,000	90,000	100,000	62,000	85,000	97,000	109	118	101	6,750,000	10,030,000	9,800,000
Benton	11,000	12,600	13,500	10,000	11,500	13,400	95	98	60	952,000	1,130,000	800,000
Carroll	26,800	29,000	30,000	25,000	27,500	29,600	97	105	75	2,425,000	2,880,000	2,200,000
Chester	5,400	12,300	12,000	4,800	11,700	11,300	79	81	67	380,000	950,000	760,000
Crockett	1,900	2,000	1,800	1,700	1,800	1,600	82	94	69	139,000	170,000	110,000
Decatur	6,400	8,000	8,500	6,100	7,500	8,400	90	96	74	551,000	710,000	620,000
Fayette	11,000	11,700	12,000	9,100	9,500	10,500	62	79	71	563,000	750,000	750,000
Gibson	47,600	49,000	54,000	44,900	46,000	51,000	96	106	83	4,304,000	5,970,000	4,229,000
Hardeman	9,300	9,500	9,700	7,400	8,500	8,400	82	85	74	606,000	700,000	620,000
Hardin	8,000	12,000	12,500	6,600	10,500	12,000	90	97	81	594,000	970,000	730,000
Haywood	8,700	9,100	10,000	7,600	8,000	9,700	74	91	78	525,000	720,000	760,000
Henderson	22,000	24,000	25,000	20,700	22,500	24,500	109	112	73	2,075,000	2,290,000	1,800,000
Henry	44,900	51,000	50,000	40,400	48,000	48,500	109	104	75	4,405,000	5,250,000	3,650,000
McNairy	9,400	10,000	10,000	8,500	9,500	9,700	94	95	82	799,000	930,000	800,000
Madison	8,700	9,000	16,000	7,500	8,800	9,500	89	106	77	669,000	850,000	730,000
Weakley	40,300	54,000	56,000	34,000	50,000	55,000	134	107	94	4,760,000	5,550,000	5,150,000
District 2	261,400	302,600	315,000	236,700	284,500	309,300	97	101	78	23,217,000	28,880,000	23,799,000
Cheatham	3,600	4,700	4,600	3,400	4,300	3,700	84	87	68	285,000	390,000	240,000
Dickson	5,000	5,700	5,300	4,200	5,300	4,900	85	93	58	358,000	470,000	260,000
Hickman	5,800	8,000	6,500	5,300	7,500	6,100	81	91	67	430,000	680,000	370,000
Houston	1,800	2,200	1,900	1,700	2,100	1,800	91	93	56	155,000	190,000	100,000
Humphreys	10,300	11,000	10,000	9,600	10,500	9,700	101	110	77	968,000	1,100,000	750,000
Lawrence	25,600	31,000	30,000	23,300	27,000	29,500	75	88	68	1,695,000	2,370,000	1,800,000
Lewis	2,600	3,900	2,500	2,500	2,400	2,300	86	83	54	215,000	240,000	125,000
Montgomery	12,000	17,000	16,500	10,200	15,500	14,400	106	116	73	1,080,000	1,800,000	1,050,000
Perry	7,100	7,300	7,000	6,600	7,100	7,100	83	90	77	564,000	640,000	550,000
Robertson	23,400	28,000	28,000	21,000	24,600	25,000	111	107	76	2,335,000	2,630,000	1,900,000
Stewart	2,700	3,300	2,700	2,500	2,800	2,500	81	88	67	205,000	250,000	175,000
Wayne	6,000	6,500	6,400	5,600	6,200	6,300	80	97	57	465,000	600,000	360,000
District 3	106,100	127,400	120,000	96,800	115,500	116,000	94	97	70	8,648,000	11,150,000	7,700,000
Bedford	13,400	14,000	14,000	8,400	9,500	9,100	90	87	50	815,000	830,000	450,000
Cannon	9,400	11,500	9,500	8,300	10,000	8,600	97	89	63	816,000	890,000	565,000
Clay	5,000	5,500	4,500	3,500	5,000	4,100	85	90	53	361,000	450,000	220,000
Davidson	1,700	2,600	1,900	1,400	1,800	1,400	96	83	54	154,000	150,000	75,000
DeKalb	4,900	6,400	6,000	4,700	6,100	5,800	95	95	66	414,000	548,000	380,000
Giles	17,500	21,000	17,000	15,000	14,500	14,400	86	97	53	1,260,000	1,905,000	750,000
Jackson	2,800	3,500	2,800	2,500	2,700	2,600	86	75	67	205,000	245,000	160,000
Lincoln	12,500	15,000	13,500	9,100	13,500	10,400	89	89	77	841,000	1,255,000	770,000
Macon	8,900	10,000	7,000	7,400	8,000	6,400	83	88	59	640,000	736,000	380,000
Marshall	12,000	13,000	12,300	7,500	8,100	5,500	77	91	47	579,000	783,000	260,000
Maury	10,400	11,500	10,000	5,300	5,300	5,200	92	90	58	487,000	502,000	300,000
Moore	1,800	2,000	1,500	1,600	1,600	1,500	87	88	54	131,000	149,000	85,000
Rutherford	12,500	14,000	14,000	10,500	11,500	14,000	101	79	60	1,060,000	1,300,000	920,000
Smith	5,900	6,000	4,400	5,100	5,400	4,200	84	91	57	430,000	490,000	230,000
Sumner	14,000	13,000	9,500	10,500	11,500	8,600	90	79	44	1,010,000	870,000	380,000
Trousdale	1,700	1,600	1,300	1,100	1,400	1,200	93	89	60	152,000	125,000	60,000
Williamson	7,500	8,500	7,800	4,600	6,800	5,400	96	80	45	440,000	544,000	260,000
Wilson	6,500	7,000	5,500	5,100	5,500	3,900	89	80	53	425,000	440,000	160,000
District 4	148,500	170,300	145,800	115,700	140,900	110,000	89	87	58	10,210,000	12,150,000	6,330,000

CORN: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres						Bushels					
Bledsoe	7,900	6,200	6,700	6,500	5,400	4,800	92	92	91	597,000	496,800	436,800
Coffee	23,800	23,000	20,000	22,000	22,500	17,500	97	96	66	2,134,000	2,160,000	1,155,000
Cumberland	6,900	5,800	5,800	6,000	5,500	4,500	97	90	62	582,000	495,000	280,000
Fentress	10,400	11,000	9,000	8,400	10,000	7,600	94	96	53	833,000	960,000	400,000
Franklin	16,500	19,000	20,000	15,000	17,700	17,500	81	105	83	1,220,000	1,859,000	1,460,000
Grundy	4,100	3,800	3,400	3,500	3,200	3,000	72	103	85	252,000	330,000	255,000
Marion	4,200	4,500	3,900	3,800	4,200	3,600	101	102	81	383,000	429,000	290,000
Morgan	3,000	3,000	3,000	2,500	2,700	2,600	83	85	64	207,000	230,000	160,000
Overton	7,000	6,500	5,500	6,200	5,500	4,600	89	89	64	552,000	490,000	295,000
Pickett	1,700	1,600	1,400	1,500	1,400	1,300	90	96	64	135,000	135,000	83,000
Putnam	5,200	5,200	4,500	4,200	4,200	4,200	84	88	62	353,000	370,000	260,000
Scott	2,300	3,000	2,600	1,400	2,300	1,900	92	91	66	129,000	210,000	125,000
Sequatchie	2,200	2,200	2,100	1,800	1,900	1,600	101	90	63	182,000	170,000	100,000
Van Buren	2,100	1,700	1,600	1,800	1,400	1,000	87	93	57	156,000	130,000	57,000
Warren	21,200	23,000	19,000	16,800	18,600	15,500	98	93	62	1,646,000	1,729,000	960,000
White	12,900	10,500	7,000	7,600	6,500	3,800	90	98	87	713,000	630,000	330,000
District 5	130,500	130,000	115,000	104,000	115,500	95,000	92	95	68	10,010,000	10,950,000	6,450,000
Anderson	-	-	-	-	-	-	-	-	-	-	-	-
Blount	7,800	7,500	7,000	5,500	5,500	4,100	95	102	80	524,000	560,000	345,000
Bradley	4,600	4,000	3,400	1,900	1,500	1,100	95	97	55	181,000	145,000	60,000
Campbell	1,300	1,000	800	900	700	600	111	114	67	100,000	80,000	40,000
Carter	900	900	800	700	700	500	91	86	64	63,900	60,000	32,000
Claiborne	4,100	3,500	3,000	2,200	1,800	1,200	95	92	59	209,000	165,000	71,000
Cocke	10,000	8,000	7,000	5,500	4,800	4,100	96	69	48	530,000	330,000	195,000
Grainger	2,900	3,000	2,900	1,600	1,500	1,500	96	100	70	154,000	150,000	105,000
Greene	18,900	20,000	17,000	7,000	9,000	4,900	95	96	47	667,000	866,000	230,000
Hamblen	3,600	3,500	3,200	2,000	2,000	1,900	94	100	68	188,000	200,000	130,000
Hamilton	2,200	1,800	1,600	1,200	800	600	97	94	50	116,000	75,000	30,000
Hancock	2,500	2,100	1,700	1,800	1,500	1,300	84	91	50	151,000	145,000	65,000
Hawkins	7,700	6,800	5,500	4,600	4,500	2,900	75	84	50	346,000	380,000	145,000
Jefferson	6,700	6,000	6,200	4,200	3,600	3,200	89	97	58	374,000	340,000	185,000
Johnson	3,900	2,500	2,600	1,700	1,400	1,700	113	107	74	136,000	150,000	125,000
Knox	3,300	3,200	3,400	2,100	2,000	1,500	94	80	53	197,000	160,000	80,000
Loudon	5,000	5,000	4,600	2,700	3,000	2,600	96	95	44	259,000	285,000	115,000
McMinn	9,000	10,000	8,500	3,900	4,100	3,600	90	85	58	351,000	450,000	210,000
Meigs	4,300	4,000	3,700	2,000	1,900	1,300	97	90	50	194,000	170,000	65,000
Monroe	5,400	5,600	4,700	2,500	2,600	1,800	84	87	75	224,000	225,000	135,000
Polk	3,500	3,100	2,600	2,100	1,700	1,300	101	97	66	212,000	165,000	93,000
Rhea	4,800	4,500	3,900	1,500	3,100	2,500	96	90	44	336,000	270,000	110,000
Roane	1,400	1,500	1,300	800	1,100	800	96	86	49	72,000	95,000	39,000
Sevier	4,900	4,000	4,000	3,900	3,100	2,600	101	74	65	394,000	230,000	170,000
Sullivan	6,000	5,600	5,800	2,500	3,000	2,700	81	83	73	203,000	250,000	160,000
Unicoi	-	-	-	-	-	-	-	-	-	-	-	-
Union	800	800	700	500	600	500	92	85	63	46,000	51,000	34,000
Washington	11,000	10,500	9,500	4,600	4,900	2,700	95	90	45	438,000	463,000	120,000
Other Counties	900	700	700	400	500	400	84	88	82	50,100	43,000	31,000
District 6	136,500	128,000	115,000	72,300	78,000	62,000	93	89	57	6,720,000	6,900,000	3,599,000
State	850,000	950,000	910,000	690,000	810,000	720,000	95	96	74	65,560,000	79,380,000	56,880,000

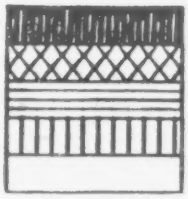
*Less than 500 acres planted for all purposes, combined with other counties.

COTTON



TOP FIVE COUNTIES

1.	HAYWOOD	80,600 bales
2.	CROCKETT	79,000 bales
3.	FAYETTE	40,000 bales
4.	TIPTON	37,600 bales
5.	MADISON	34,500 bales



480 POUND BALES
30,000 AND OVER
5,000-29,999
1,000-4,999
75-999
NO PRODUCTION

Tennessee cotton producers in 1986 harvested 396,000 bales from 335,000 acres, down 5 percent from 1985. The average yield was 567 pounds per acre compared with 600 pounds in 1985 and the 5 year average of 514 pounds. Prices were down in 1986 for Tennessee farmers. The average for the marketing season was 48.8 cents per pound, down from the 54.5 cents received in 1985. The 1986 cotton crop was valued at the farm level at 92.8 million dollars.

The cotton crop was planted on schedule and showed rapid development due to the hot, dry early summer. Bolls were opening at the end of August at a rate two weeks ahead of the 5 year average. Harvest began the second week in September and was virtually complete on December 1.

COTTON: ACREAGE, YIELD, AND PRODUCTION, TENNESSEE, 1977-86

Year	Acreage		Lint Yield Per Harv. Acre	Production		Ginnings as Reported by Census
	Planted	Harvested		Lint	Seed	
	Acres	Acres	Pounds	Bales[1]	Tons	Bales[1]
1977	325,000	300,000	407	255,000	100,000	253,930
1978	250,000	230,000	490	235,000	94,000	234,048
1979	250,000	230,000	357	171,000	71,000	170,686
1980	290,000	275,000	349	200,000	82,000	197,844
1981	325,000	305,000	496	315,000	127,000	311,220
1982	260,000	255,000	638	339,000	132,000	336,733
1983	220,000	215,000	337	151,000	60,000	149,567
1984	340,000	325,000	498	337,000	133,000	335,932
1985	340,000	335,000	600	419,000	160,000	415,480
1986	340,000	335,000	567	396,000	157,000	396,576

[1]Production is given in 480-pound net weight bales.

COTTON LINT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							CENTS PER POUND							
1977	61.0	64.6	69.5	—	—	—	—	—	50.2	49.3	45.7	46.1	55.2	49.0
1978	47.0	48.8	50.5	50.0	51.5	51.7	54.1	56.0	56.5	62.1	62.5	62.1	54.4	61.2
1979	59.8	58.1	54.8	55.3	60.0	59.9	61.1	57.0	59.8	63.2	63.0	61.0	59.4	62.9
1980	66.5	78.0	77.1	—	—	—	—	—	78.5	77.3	79.8	79.1	76.6	78.4
1981	79.3	78.8	78.5	75.6	—	—	—	—	59.8	58.5	52.0	51.4	66.7	54.7
1982	49.5	50.7	57.1	58.9	56.1	58.4	55.7	57.1	57.8	58.8	58.9	55.7	56.2	58.0
1983	56.0	52.3	58.5	59.6	67.5	63.7	63.4	66.5	69.0	68.7	68.8	68.8	63.6	68.5
1984	66.0	66.1	69.4	68.6	74.0	70.6	—	—	64.0	61.8	59.2	53.6	65.3	56.7
1985	51.4	47.4	48.9	48.6	—	—	—	—	56.1	54.Y	53.6	50.8	51.4	54.5
1986	51.3	48.1	57.7	57.2	57.9	58.9	—	—	47.1	47.3	48.5	49.5	52.4	48.8

[1]Crop marketing seasons August 1 through July 31.

COTTONSEED: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							DOLLARS PER TON							
1977	103.00	—	—	—	—	—	—	—	76.00	74.00	74.00	73.00	80.00	74.50
1978	67.00	—	—	—	—	—	—	—	—	115.00	116.00	110.00	102.00	111.00
1979	,115.00	—	—	—	—	—	—	—	—	—	132.00	126.00	124.33	131.00
1980	125.00	125.00	—	—	—	—	—	—	128.00	128.00	128.00	128.00	127.00	128.00
1981	—	—	—	—	—	—	—	—	80.00	77.00	81.00	76.00	78.50	79.00
1982	77.00	—	—	—	—	—	—	—	75.00	67.00	67.00	65.00	70.20	69.00
1983	—	—	—	—	—	—	—	—	—	160.00	165.00	160.00	161.67	161.00
1984	—	—	—	—	—	—	—	—	—	100.00	90.00	80.00	90.00	90.50
1985	75.00	80.00	—	—	—	—	—	—	54.00	51.00	55.00	56.00	61.83	53.00
1986	53.00	—	—	—	—	—	—	—	—	66.00	72.00	—	63.67	66.50

[1]Crop market season August 1 through July 31.

COTTONSEED: PRODUCTION, FARM DISPOSITION, SALES, AND VALUE, TENNESSEE, 1977-86

Crop Year	Production	Farm Disposition		Seed Used for Planting[2]	Average Price Per Ton[3]	Value	
		Sales to Oil Mills	Other[1]			Production	Sales to Oil Mills
	1,000 Tons	1,000 Tons		1,000 Tons	Dollars	1,000 Dollars	
1977	100	91	9	4.1	74.50	7,450	6,780
1978	94	90	4	3.9	111.00	10,434	9,990
1979	71	66	5	3.4	131.00	9,301	8,646
1980	82	76	6	3.9	128.00	10,496	9,728
1981	127	118	9	4.1	79.00	10,033	9,322
1982	132	113	19	7.2	69.00	9,108	7,797
1983	60	50	10	4.6	161.00	9,660	8,050
1984	133	124	9	4.6	90.50	12,037	11,222
1985	160	130	30	3.6	53.00	8,480	6,890
1986[4]	157	153	4	3.8	66.50	10,441	10,175

[1]Includes planting seed, exports, inter-farm sales, shrinkage, losses and other uses.
[2]Included in "Other" farm disposition. Planting seed from previous year's crop.
[3]Marketing year.
[4]1986 crop preliminary.

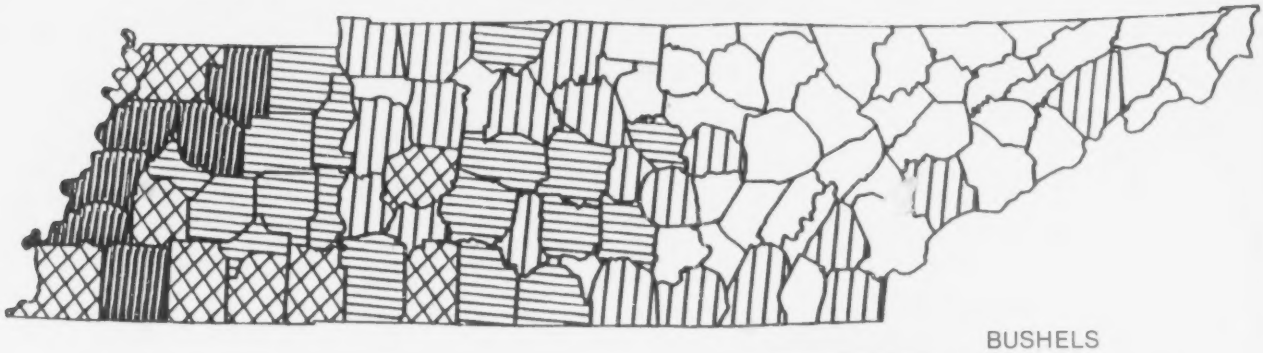
COTTON: PRICE AND VALUE, TENNESSEE, 1977-1986

Year	Lint		Cottonseed		Combined Value of Lint and Cottonseed
	Marketing Year Average Price Per Pound	Value of Production	Marketing Year Average Price Per Ton	Value of Production	
	Cents	1,000 Dollars	Dollars	1,000 Dollars	1,000 Dollars
1977	49.00	59,976	74.50	7,450	67,426
1978	61.20	69,034	111.00	10,434	79,468
1979	62.90	51,628	131.00	9,301	60,929
1980	78.40	75,264	128.00	10,496	85,760
1981	54.70	82,706	79.00	10,033	92,739
1982	58.00	94,378	69.00	9,108	103,486
1983	68.50	49,649	161.00	9,660	59,309
1984	56.70	91,718	90.50	12,037	103,755
1985	54.50	109,610	53.00	8,480	118,090
1986	48.80	92,759	66.50	10,441	103,200

COTTON: Acreage, Yield and Production—By Counties for 1985 and 1986

District and County	Acres Planted		Acres Harvested		Yield Per Harv. Acre		Production 480 Lb. Net Wt.	
	1985	1986	1985	1986	1985	1986	1985	1986
	Acres		Acres		Pounds		Bales	
Dyer	8,800	9,400	8,620	9,300	512	578	9,200	11,200
Lake	550	1,550	540	1,500	631	563	710	1,760
Lauderdale	13,700	17,300	13,400	17,000	609	599	17,000	21,200
Obion	850	1,050	840	1,000	509	595	890	1,240
Shelby	17,800	18,200	17,600	18,000	614	507	22,500	19,000
Tipton	29,700	33,500	29,500	33,200	630	544	38,700	37,600
District 1	71,400	81,000	70,500	80,000	606	552	89,000	92,000
Carroll	5,600	5,200	5,400	5,100	524	574	5,900	6,100
Chester	2,600	2,500	2,500	2,400	422	560	2,200	2,800
Crockett	70,000	62,000	69,700	61,000	668	622	97,000	79,000
Fayette	37,000	35,000	36,000	34,500	560	557	42,000	40,000
Gibson	26,000	30,600	25,500	30,300	506	507	26,900	32,000
Hardeman	17,000	15,800	16,500	15,700	524	504	18,000	16,500
Hardin	330	300	320	300	480	512	320	320
Haywood	67,000	66,000	66,500	65,000	610	595	84,500	80,600
Henderson	1,400	1,535	1,370	1,500	627	576	1,790	1,800
McNairy	3,050	2,300	3,000	2,150	566	487	3,540	2,180
Madison	31,300	30,500	30,500	30,000	614	552	39,000	34,500
Weakley	720	700	710	685	575	508	850	725
Other Counties	—	65	—	65	—	554	—	75
District 2	262,000	252,500	258,000	248,700	599	572	322,000	296,600
Lawrence	365	360	365	350	427	411	325	300
Other Counties	25	—	25	—	480	—	25	—
District 3	390	360	390	350	431	411	350	300
Giles	430	300	420	300	480	480	420	300
Lincoln	1,970	2,100	1,940	2,050	624	749	2,520	3,200
Rutherford	1,550	1,600	1,520	1,500	524	400	1,660	1,250
District 4	3,950	4,000	3,880	3,850	569	592	4,600	4,750
Franklin	2,260	2,140	2,230	2,100	657	537	3,050	2,350
District 5	2,260	2,140	2,230	2,100	657	537	3,050	2,350
State	340,000	340,000	335,000	335,000	600	567	419,000	396,000

SORGHUM



BUSHELS

400,000 AND OVER
150,000-399,999
50,000-149,999
10,000-49,999
UNDER 10,000

TOP FIVE COUNTIES

1. DYER	2,500,000
2. GIBSON	1,400,000
3. FAYETTE	620,000
4. WEAKLEY	520,000
5. LAUDERDALE	510,000

Tennessee's 1986 grain sorghum production declined sharply from the 1985 record-setting year. This was due to reduced yields and substantially lower acreage. Planted acreage, at 180,000 acres, was down 62 percent from the previous year's 480,000 acres. Planting began in mid-April and progressed rapidly until late May rains caused delays. Sorghum remained in mostly fair to good condition throughout the season and matured about a week earlier than the previous year. Harvesting began in late August and progressed 10 days ahead of the previous year's progress until mid-September rainfall slowed harvesting. Ninety percent of the acreage had been harvested by the end of October.

The 65 bushels per acre average yield tied the 1982 yield as the second highest yield on record. This yield was 15 bushels below the 80 bushels per acre record set in 1984 and 1985. Production, at 10.7 million bushels, was down 71 percent from 1985 and 48 percent from 1984.

Sorghum silage harvested acreage, at 8,000 acres, was 2,000 more than the previous year. The 12 tons per acre yield was two tons less than the record yield of 14 tons per acre set in 1985 but equals the 10 year average yield. Silage production was up 14 percent from the previous year and was recorded at 96,000 tons.

SORGHUM: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Planted For All Purposes 1,000 Acres	Harvested for Grain: Acres 1,000	Yield Per Acre Bushels	Production 1,000 Bushels	Marketing Year Average Price Dollars	Value of Production 1,000 Dollars	Harvested for Silage: Acres 1,000	Yield Tons	Production 1,000 Tons
1977	40	20	51	1,020	1.66	1,693	8	10.0	80
1978	45	24	51	1,224	2.24	2,742	11	10.5	116
1979	45	29	51	1,479	2.35	3,476	6	12.0	72
1980	55	35	50	1,750	2.97	5,198	12	11.0	132
1981	104	75	62	4,650	2.21	10,277	9	12.0	108
1982	100	85	65	5,525	1.90	10,498	3	13.0	39
1983	110	95	53	5,035	2.97	14,954	6	12.0	72
1984	280	260	80	20,800	2.24	46,592	6	13.0	78
1985	480	465	80	37,200	1.88	69,936	6	14.0	84
1986	180	165	65	10,725	1.32	14,157	8	12.0	96

SORGHUM: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1977-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							DOLLARS PER BUSHEL							
1977	2.24	2.13	1.96	1.96	1.79	1.96	1.82	1.79	1.57	1.62	1.74	1.71	1.86	1.66
1978	1.70	1.90	2.00	2.25	2.25	2.10	1.85	1.95	2.10	2.35	2.25	2.25	2.10	2.24
1979	2.15	2.10	2.10	2.10	2.15	2.15	2.70	2.50	2.40	2.40	2.40	2.40	2.30	2.35
1980	2.10	2.30	2.25	2.25	2.25	2.30	2.30	2.30	2.90	2.90	3.00	3.20	2.50	2.97
1981	3.10	3.15	3.00	3.10	2.75	2.75	3.00	2.65	2.25	2.25	2.15	2.25	2.70	2.21
1982	2.25	2.25	2.20	2.10	2.10	2.10	3.10	2.25	2.25	2.15	2.25	2.20	2.30	1.90
1983	2.50	2.35	2.45	2.55	—	—	2.60	3.15	3.05	2.95	3.00	2.85	2.75	2.97
1984	2.95	2.80	3.00	3.10	3.15	2.60	2.40	2.40	2.30	2.15	2.20	2.25	2.60	2.24
1985	2.35	2.25	2.40	2.40	2.40	2.30	1.70	1.75	1.60	1.75	2.00	2.08	2.10	1.88
1986	2.10	2.07	2.10	2.15	2.32	2.18	1.64	1.30	1.24	1.32	1.40	1.38	1.80	1.32

[1]Crop market season September 1 through August 31.

SORGHUM: Acreage, Yield, and Production—By Counties for 1981, 1982, and 1983

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Acres						Bushels					
Dyer	9,600	11,000	11,800	7,000	9,000	11,100	70	84	64	493,000	755,000	711,000
Lake	2,300	3,400	3,200	1,700	3,000	3,200	82	76	84	140,000	229,000	269,000
Lauderdale	2,100	2,300	4,300	1,600	2,000	4,200	63	66	67	100,000	131,000	282,000
Obion	1,800	2,300	5,200	1,400	2,000	5,000	66	73	62	93,000	158,000	310,000
Shelby	3,100	4,500	7,700	2,200	4,000	2,500	58	49	55	128,000	195,000	137,000
Tipton	900	3,500	3,100	700	3,000	3,000	76	71	42	53,000	214,000	126,000
District 1	19,800	27,000	30,300	14,600	23,000	29,000	69	73	63	1,007,000	1,682,000	1,835,000
Benton	850	850	1,700	600	800	1,300	62	65	30	37,000	52,000	39,000
Carroll	3,000	3,400	3,500	2,200	2,700	2,800	61	58	47	134,000	157,000	131,000
Chester	6,100	5,800	5,800	4,900	5,300	5,500	57	62	63	279,000	331,000	346,000
Crockett	1,700	2,000	1,800	1,400	1,600	1,700	66	69	31	92,000	110,000	53,000
Decatur	1,800	650	1,300	1,500	600	1,200	52	67	25	78,000	40,200	30,000
Fayette	10,600	8,700	9,000	7,900	7,900	8,200	60	63	54	471,000	496,000	444,000
Gibson	6,400	5,400	9,100	5,300	6,000	7,800	62	71	61	326,000	427,000	474,000
Hardeman	10,300	7,100	7,400	8,100	6,500	6,700	66	60	45	534,000	393,000	300,000
Hardin	2,300	2,400	2,300	1,800	2,000	2,000	62	64	38	112,000	128,000	75,500
Haywood	5,200	2,500	2,600	4,000	2,200	2,300	61	56	48	244,000	123,000	110,000
Henderson	2,100	2,000	2,100	1,600	1,600	1,700	57	67	48	91,000	107,000	82,000
Henry	1,000	1,600	1,700	800	1,300	1,400	59	67	31	47,000	87,000	43,000
McNairy	9,900	8,000	8,300	7,200	7,100	7,300	56	56	52	403,000	395,000	381,000
Madison	4,300	3,400	3,500	3,100	2,700	2,800	62	63	46	192,000	170,000	129,000
Weakley	3,900	5,000	4,700	3,000	4,100	4,300	68	75	42	204,000	308,000	180,000
District 2	69,450	59,900	64,800	53,400	57,400	57,000	61	63	49	3,244,000	3,324,200	2,817,500
Hickman	500	*	*	300	*	*	57	*	*	17,000	*	*
Lawrence	2,000	1,400	2,000	1,600	1,700	1,700	61	59	40	98,000	100,300	68,000
Other Counties	1,950	2,200	1,700	700	1,600	1,500	59	56	38	41,000	100,500	56,500
District 3	4,450	4,100	3,700	2,600	3,300	3,200	60	57	39	156,000	200,800	124,500
Bedford	1,700	1,500	2,300	800	1,700	1,300	53	48	53	42,000	57,600	69,000
Giles	600	*	800	300	*	500	57	*	42	17,000	*	21,000
Lincoln	600	700	*	300	600	*	53	57	*	13,000	34,200	*
Marshall	500	700	*	200	550	*	45	67	*	9,000	36,850	*
Maury	600	600	*	300	450	*	50	65	*	15,000	29,250	*
Rutherford	*	*	900	*	*	550	*	*	47	*	*	26,000
Williamson	550	*	500	400	*	300	48	*	50	19,000	*	15,000
Other Counties	1,250	2,500	1,500	100	1,300	950	60	52	44	6,000	68,100	42,000
District 4	5,800	6,400	6,000	2,400	4,100	3,600	53	55	48	127,000	226,000	173,000
Marion	*	*	700	*	*	400	*	*	39	*	*	14,000
Warren	*	600	800	*	500	450	*	57	40	*	28,500	18,000
Other Counties	2,400	1,400	1,500	1,100	900	850	56	42	34	64,000	37,500	29,000
District 5	2,400	2,000	3,000	1,100	1,400	1,700	56	47	36	64,000	66,000	61,000
Polk	*	*	700	*	*	150	*	*	47	*	*	7,000
Other Counties	2,100	1,200	1,500	900	600	350	56	41	49	52,000	26,000	17,000
District 6	2,100	1,200	2,200	900	600	500	56	41	48	52,000	26,000	24,000
State	104,000	100,000	110,000	75,000	85,000	95,000	62	65	53	4,650,000	5,525,000	5,035,000

*Less than 500 acres planted for all purposes, combined with other counties.

SORGHUM: Acreage, Yield, and Production—By Counties for 1984, 1985, and Preliminary 1986

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Acres						Bushels					
Dyer	43,500	85,000	32,000	42,300	84,600	31,600	90	92	79	3,807,000	7,770,000	2,500,000
Lake	8,200	1,3000	3,000	8,000	12,900	2,900	96	90	78	768,000	1,160,000	225,000
Lauderdale	13,500	25,000	7,500	13,000	24,900	7,300	91	92	70	1,183,000	2,290,000	510,000
Obion	18,000	25,000	4,500	17,703	24,900	4,400	95	93	86	1,682,000	2,310,000	380,000
Shelby	6,300	12,000	4,000	6,000	11,900	3,900	73	73	59	438,000	870,000	230,000
Tipton	9,000	20,000	8,000	8,500	19,800	7,900	88	86	59	748,000	1,700,000	465,000
District 1	98,500	180,000	59,000	95,500	179,000	58,000	90	90	74	8,626,000	16,100,000	4,310,000
Benton	5,200	6,500	2,700	4,850	6,200	2,400	75	81	50	364,000	505,000	120,000
Carroll	8,500	13,000	2,500	8,000	12,500	2,300	78	76	61	624,000	950,000	140,000
Chester	7,400	10,000	2,700	7,000	9,800	2,600	80	64	50	560,000	630,000	130,000
Crockett	3,200	5,000	2,400	3,000	4,900	2,300	82	80	59	246,000	390,000	135,000
Decatur	4,200	5,000	2,500	4,000	4,900	2,400	69	69	52	276,000	340,000	125,000
Fayette	14,000	26,000	11,000	13,400	25,500	10,700	73	67	58	978,000	1,700,000	620,000
Gibson	30,000	68,000	21,000	29,000	67,000	20,300	86	79	69	2,494,000	5,300,000	1,400,000
Hardeman	10,500	14,000	5,500	10,000	13,500	5,300	72	68	59	720,000	920,000	310,000
Hardin	10,600	16,000	6,700	9,500	15,500	6,500	75	65	54	713,000	1,000,000	350,000
Haywood	7,200	11,500	4,000	7,000	11,300	3,900	66	76	64	462,000	860,000	250,000
Henderson	8,000	11,500	2,300	7,800	11,100	2,200	67	66	57	523,000	730,000	125,000
Henry	2,800	6,000	2,200	2,500	5,800	2,100	70	78	57	175,000	450,000	120,000
McNairy	8,100	11,000	3,500	7,550	10,500	3,400	67	63	54	503,000	650,000	185,000
Madison	6,300	9,000	2,200	6,000	8,600	2,100	65	78	57	390,000	670,000	120,000
Weakley	10,000	25,000	6,800	9,800	24,500	6,500	90	86	80	882,000	2,100,000	520,000
District 2	136,000	237,500	78,000	129,350	231,600	75,000	77	74	62	9,910,000	17,195,000	4,650,000
Cheatham	*	500	*	*	450	*	*	73	*	*	33,000	*
Dickson	*	500	*	*	450	*	*	76	*	*	34,000	*
Hickman	*	1,000	800	*	850	600	*	74	50	*	63,000	30,000
Humphreys	550	800	700	500	750	650	66	68	51	33,000	51,000	33,000
Lawrence	5,000	7,000	4,000	4,500	6,800	3,700	67	69	56	302,000	469,000	208,000
Lewis	*	800	600	*	700	500	*	70	48	*	49,000	24,000
Montgomery	1,800	1,500	800	1,500	1,400	650	90	93	57	135,000	130,000	37,000
Perry	*	800	600	*	700	550	*	75	53	*	52,500	29,000
Robertson	1,200	1,500	1,400	1,000	1,400	1,200	90	93	51	90,000	130,000	61,000
Wayne	3,000	2,500	1,800	2,500	2,400	1,600	66	75	53	165,000	180,000	85,000
Other Counties	1,450	600	1,300	1,050	500	1,050	60	67	50	68,000	33,500	53,000
District 3	13,000	17,500	12,000	11,050	16,400	10,500	72	75	53	793,000	1,225,000	560,000
Bedford	4,000	4,500	3,000	3,000	4,000	2,300	62	73	61	186,000	290,000	140,000
Cannon	*	500	*	*	400	*	*	65	*	*	26,000	*
DeKalb	1,300	1,500	1,400	1,000	1,300	1,000	60	69	61	60,000	90,000	61,000
Giles	2,000	2,700	2,000	1,500	2,300	1,700	68	67	53	102,000	155,000	90,000
Lincoln	2,500	3,000	2,500	2,000	2,800	1,800	65	75	64	130,000	210,000	155,000
Marshall	1,100	1,500	1,000	700	1,200	700	60	65	51	42,000	78,000	36,000
Maury	1,500	3,000	2,000	1,200	2,700	1,400	67	76	50	80,500	205,000	80,000
Rutherford	3,900	8,000	2,500	3,000	6,700	1,900	69	71	47	207,000	475,000	90,000
Williamson	1,800	1,800	1,700	1,300	1,500	1,200	68	64	50	88,500	96,000	60,000
Other Counties	900	1,500	1,900	600	1,100	1,300	57	68	52	34,000	75,000	68,000
District 4	19,000	28,000	18,000	14,300	24,000	13,500	65	71	55	930,000	1,700,000	740,000
Coffee	1,800	2,000	1,200	1,500	1,900	1,000	59	71	64	88,500	135,000	64,000
Franklin	*	900	700	*	800	500	*	75	64	*	60,000	32,000
Marion	700	1,200	800	600	1,100	600	50	75	67	30,000	82,000	40,000
Warren	7,600	4,900	3,450	6,000	4,400	2,100	56	71	60	336,000	312,000	125,000
White	*	1,000	900	*	800	700	*	61	57	*	49,000	40,000
Other Counties	900	2,000	1,300	500	1,500	800	53	61	55	26,500	92,000	44,000
District 5	11,000	12,000	8,300	8,600	10,500	5,700	56	70	61	481,000	730,000	345,000
McMinn	*	700	600	*	500	400	*	72	56	*	36,000	15,000
Polk	1,000	800	700	600	600	450	51	68	56	30,600	41,000	25,000
Other Counties	1,500	3,500	3,400	600	2,400	1,550	49	72	51	29,400	173,000	79,000
District 6	2,500	5,000	4,700	1,200	3,500	2,300	50	71	52	60,000	250,000	120,000
State	280,000	480,000	180,000	260,000	465,000	165,000	80	80	65	20,800,000	37,200,000	10,725,000

*Less than 500 acres planted for all purposes, combined with other counties.

HAY

ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1977	1,225	1.49	1,820	47.00	85,540
1978	1,250	1.53	1,912	50.00	95,600
1979	1,240	1.63	2,022	50.50	102,111
1980	1,185	1.49	1,764	46.00	81,144
1981	1,270	1.64	2,078	49.00	101,822
1982	1,330	1.65	2,190	47.50	104,025
1983	1,350	1.51	2,044	49.50	101,178
1984	1,500	1.79	2,678	52.00	139,256
1985	1,620	1.95	3,156	52.00	164,112
1986	1,380	1.52	2,092	61.00	127,612

HAY BY KINDS: ACREAGE, YIELD, AND PRODUCTION, TENNESSEE, 1977-86

Year	Alfalfa and Alfalfa Mixtures			All Other Hay		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	1,000 Acres	Tons	1,000 Tons	1,000 Acres	Tons	1,000 Tons
1977	100	2.45	245	1,125	1.40	1,575
1978	105	2.40	252	1,145	1.45	1,660
1979	105	2.50	263	1,135	1.55	1,759
1980	105	2.40	252	1,080	1.40	1,512
1981	115	2.50	288	1,155	1.55	1,790
1982	130	3.00	390	1,200	1.50	1,800
1983	140	2.50	350	1,210	1.40	1,694
1984	150	3.00	450	1,350	1.65	2,228
1985	120	3.80	456	1,500	1.80	2,700
1986	100	3.00	300	1,280	1.40	1,792

HAY: PRICES RECEIVED BY FARMERS BY MONTHS, TENNESSEE 1977-86

DOLLARS PER TON

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Marketing Year Average[1]
							ALFALFA HAY							
1977	52.00	51.00	50.50	50.00	49.00	49.50	50.00	52.50	53.00	53.50	54.00	53.50	51.54	
1978	61.80	64.90	65.50	63.50	65.50	63.50	63.00	57.00	59.00	61.50	62.00	63.20	62.53	[2]
1979	63.20	65.00	65.00	65.50	65.50	66.00	64.00	65.00	64.50	64.50	65.00	69.00	65.18	[2]
1980	65.50	66.00	63.50	63.50	62.00	64.50	63.50	62.50	65.50	67.50	69.50	68.00	65.13	[2]
1981	74.00	75.50	64.90	63.00	62.50	59.00	65.00	63.00	67.00	80.00	70.00	78.00	68.49	[2]
1982	66.00	64.00	63.00	61.00	62.00	66.00	63.00	62.00	66.00	68.00	70.00	56.00	63.92	[2]
1983	71.60	69.00	67.90	70.80	70.00	77.00	66.00	73.00	64.00	64.00	66.00	67.00	68.86	[2]
1984	81.00	85.00	70.00	68.00	68.00	72.00	74.00	73.00	73.00	77.00	70.00	65.00	73.00	[2]
1985	69.00	75.00	70.00	70.00	65.00	65.00	65.00	65.00	65.00	70.00	75.00	78.00	69.33	[2]
1986	85.00	85.00	80.00	85.00	82.00	86.00	86.00	84.00	92.00	85.00	88.00	94.00	86.33	[2]
							ALL OTHER HAY							
1977	44.00	44.50	44.50	44.00	44.00	41.00	43.00	44.50	46.00	44.50	45.40	45.40	44.23	
1978	47.40	53.60	56.70	54.00	56.50	50.30	48.50	46.50	45.50	46.50	46.50	47.40	49.95	[2]
1979	48.80	49.80	49.30	49.50	49.00	48.00	48.00	48.50	49.50	47.50	50.00	53.00	49.24	[2]
1980	51.00	48.00	44.00	44.00	43.00	42.00	43.00	42.50	44.50	42.00	41.00	43.50	44.04	[2]
1981	47.50	45.60	43.30	43.00	45.00	45.00	45.00	50.00	46.00	53.00	42.00	54.00	46.48	[2]
1982	45.00	45.00	42.00	43.00	44.00	47.00	45.00	46.00	47.00	45.00	46.00	41.00	44.67	[2]
1983	42.70	48.00	45.30	43.20	40.30	41.00	48.00	46.00	46.00	46.00	46.00	50.00	45.21	[2]
1984	50.00	49.00	55.00	54.00	50.00	57.00	48.00	49.00	43.00	45.00	48.00	45.00	49.42	[2]
1985	50.00	50.00	55.00	49.00	44.00	49.00	49.00	45.00	48.00	50.00	54.00	54.00	50.00	[2]
1986	49.00	49.00	48.00	50.00	55.00	59.00	55.00	55.00	60.00	57.00	51.00	57.00	53.75	[2]
							ALL HAY							
1977	45.00	45.00	45.00	44.50	41.00	42.00	44.00	45.50	47.00	45.50	46.50	46.50	44.79	47.00
1978	49.00	54.00	57.50	55.00	57.50	52.00	50.00	47.70	47.70	48.15	48.20	49.15	51.33	50.00
1979	50.40	51.50	51.00	51.00	50.80	50.00	49.80	50.30	51.20	49.50	51.70	54.80	51.00	50.50
1980	52.50	50.00	46.00	46.00	45.00	44.50	45.50	44.50	47.00	45.00	44.00	46.00	46.33	46.00
1981	50.50	48.90	45.70	45.20	46.90	46.50	47.00	51.30	48.10	55.70	44.80	56.40	48.92	49.00
1982	47.00	47.00	44.00	45.00	46.00	49.00	47.00	48.00	49.00	47.00	48.00	43.00	46.67	47.50
1983	45.60	50.10	47.60	46.00	43.30	45.00	50.00	49.00	48.00	48.00	48.00	52.00	47.72	49.50
1984	53.00	53.00	56.00	55.00	52.00	58.00	57.00	51.00	50.00	48.00	51.00	50.00	52.83	52.00
1985	53.00	54.00	57.00	52.00	47.00	51.00	51.00	50.00	50.00	53.00	57.00	58.00	52.75	52.00
1986	54.00	54.00	53.00	55.00	59.00	63.00	60.00	59.00	65.00	61.00	56.00	62.00	58.42	61.00

[1]Crop market season May 1 through April 30. [2]Not available.

HAY STOCKS: TENNESSEE, 1977-86

Year	Jan. 1 1,000 Tons	Percent of Production	May 1 1,000 Tons	Percent of Production
1977	1,292	70.0	295	16.0
1978	1,329	73.0	291	16.0
1979	1,472	77.0	421	22.0
1980	1,658	82.0	566	28.0
1981	1,305	74.0	335	19.0
1982	1,559	75.0	520	25.0
1983	1,730	79.0	416	19.0
1984	1,431	70.0	368	18.0
1985	1,901	71.0	482	18.0
1986	2,115	67.0	537	17.0

GRAIN STOCKS: SPECIFIED CROPS BY STORAGE POSITION, TENNESSEE

JANUARY 1 & APRIL 1, 1977-86

Year	January 1 On Farm	January 1 Off Farm[1]	January 1 Total	April 1 On Farm	April 1 Off Farm[1]	April 1 Total
			1,000 Bushels			
			SOYBEANS			
1977	6,075	20,029	26,104	2,228	13,772	16,000
1978	11,999	17,415	29,414	5,739	9,137	14,876
1979	15,355	21,175	36,530	5,687	13,836	19,523
1980	20,515	30,085	50,600	12,026	15,160	27,186
1981	13,311	25,326	38,637	7,344	9,444	16,788
1982	15,863	19,501	35,364	6,463	6,684	13,147
1983	17,676	16,925	34,601	6,705	9,505	16,210
1984	9,456	10,677	20,133	4,728	4,633	9,361
1985	14,911	10,842	25,753	9,620	4,257	13,877
1986	10,862	11,992	22,854	4,979	4,771	9,750
			CORN			
1977	30,488	3,536	34,024	18,175	3,097	21,272
1978	29,784	4,010	33,794	15,885	3,425	19,310
1979	26,413	3,904	30,317	15,484	3,377	18,861
1980	33,201	3,295	36,496	18,445	2,960	21,405
1981	19,725	5,335	25,060	8,832	3,495	12,327
1982	30,643	5,151	35,794	16,666	4,354	21,020
1983	32,886	6,438	39,324	17,010	6,376	23,386
1984	14,054	5,137	19,191	8,294	4,907	13,201
1985	36,053	5,857	41,910	22,287	5,047	27,334
1986	33,340	9,172	42,512	[2]	8,152	[2]
			WHEAT			
1977	999	4,845	5,844	555	1,895	2,450
1978	1,109	5,550	6,659	756	1,912	2,668
1979	441	3,665	4,106	315	1,718	2,033
1980	595	4,178	4,773	340	1,900	2,240
1981	745	5,458	6,203	372	2,760	3,132
1982	3,366	8,095	11,461	1,309	2,760	4,069
1983	3,287	8,647	11,934	1,345	3,434	4,779
1984	3,168	9,821	12,989	1,782	3,983	5,765
1985	2,354	8,022	10,376	1,070	3,821	4,891
1986	1,360	4,745	6,105	[2]	3,278	[2]
			SORGHUM			
1977	777	144	921	335	63	398
1978	612	78	690	235	*	*
1979	796	*	*	367	*	*
1980	991	4	995	518	16	534
1981	1,138	*	*	473	*	*
1982	1,628	*	*	698	*	*
1983	1,602	*	*	718	*	*
1984	655	*	*	504	519	1,023
1985	3,952	*	*	1,872	732	2,604
1986	3,534	7,096	10,630	[2]	[2]	[2]

*Not published to avoid disclosing individual operations.
[1]Includes stocks at mills, elevators, warehouses, terminals, and processors. [2]Discontinued

GRAIN STOCKS: SPECIFIED CROPS BY STORAGE POSITION, TENNESSEE

JUNE 1 & OCTOBER 1, 1977-86

Year	June 1 On Farm	June 1 Off Farm[2]	June 1 Total	October 1[1] On Farm	October 1[1] Off Farm[2]	October 1[1] Total
			1,000 Bushels			
			SOYBEANS			
1977	1,215	9,728	10,943	405	1,886	2,291
1978	2,609	5,080	7,689	1,043	3,323	4,366
1979	2,844	5,785	8,629	853	1,641	2,494
1980	8,489	5,874	14,363	2,830	2,775	5,605
1981	4,361	4,538	8,899	1,836	1,840	3,676
1982	3,819	2,944	6,763	1,293	1,165	2,458
1983	4,267	4,599	8,866	1,524	2,514	4,038
1984	1,576	3,391	4,967	630	1,483	2,113
1985	5,772	2,058	7,830	3,367	1,169	4,536
1986	4,073	3,566	7,639	1,800	2,179	3,979
			CORN			
1977	12,899	1,800	14,699	5,277	302	5,579
1978	11,417	2,429	13,846	4,466	510	4,978
1979	11,385	2,725	14,110	4,099	980	5,079
1980	15,283	2,005	17,288	5,797	593	6,390
1981	7,066	3,250	10,316	2,355	1,042	3,397
1982	13,440	2,882	16,322	3,494	1,716	5,210
1983	8,505	5,824	14,329	4,536	2,820	7,356
1984	5,760	3,903	9,663	922	588	1,510
1985	13,110	4,282	17,392	2,294	814	3,108
1986	[3]	7,185	[3]	[3]	9,332	[3]
			WHEAT			
1977	333	1,200	1,533	1,915	4,784	6,699
1978	454	1,372	1,826	756	4,855	5,611
1979	95	1,470	1,565	1,700	5,790	7,490
1980	128	1,773	1,901	2,793	5,598	8,391
1981	186	2,514	2,700	3,553	8,217	11,770
1982	636	2,269	2,905	3,586	9,750	13,336
1983	1,195	2,024	3,219	3,960	12,326	16,286
1984	396	2,414	2,810	4,280	11,271	15,551
1985	428	2,894	3,322	1,520	6,254	7,774
1986	[3]	2,726	[3]	[3]	6,462	[3]
			SORGHUM			
1977	215	12	227	84	*	*
1978	133	*	*	51	*	*
1979	220	*	*	86	*	*
1980	281	11	292	74	*	*
1981	193	*	*	18	*	*
1982	279	*	*	140	*	*
1983	332	*	*	111	*	*
1984	252	*	*	151	*	*
1985	832	444	1,276	166	*	*
1986	1,488	2,685	4,173	700	2,532	3,232

*Not published to avoid disclosing individual operations.

[1]Soybean estimates are for September 1 instead of October 1. Beginning in 1986 all estimates are as of September 1. [2]Includes stocks at mills, elevators, warehouses, terminals, and processors. [3]Discontinued.

IRISH POTATOES: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Average Price	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1977	3,000	3,000	90	270	7.75	2,093
1978	3,200	3,200	105	336	7.25	2,436
1979	3,300	3,300	105	347	7.95	2,759
1980	2,800	2,800	70	196	7.60	1,490
1981	3,100	3,100	90	279	9.80	2,734
1982	2,700	2,700	95	257	8.50	2,185
1983	2,500	2,500	70	175	8.50	1,488
1984	3,000	3,000	90	270	9.40	2,538
1985	2,500	2,500	150	375	7.60	2,850
1986	2,600	2,600	90	234	9.55	2,235

SWEET POTATOES: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Average Price	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1977	1,400	1,400	100	140	9.70	1,358
1978	1,500	1,500	100	150	9.65	1,448
1979	2,000	2,000	105	210	11.10	2,331
1980	2,000	2,000	80	160	14.80	2,368
1981	1,800	1,800	80	144	15.20	2,189
1982	1,500	1,500	85	128	10.20	1,306
1983	1,400	1,400	80	112	14.20	1,590
1984	1,000	1,000	95	95	13.90	1,321
1985	1,100	1,100	150	165	11.60	1,914
1986	900	900	110	99	11.70	1,158

TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Average Price	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars/Cwt.	1,000 Dol.
1977	3,700	3,500	110	385	26.60	10,241
1978	4,400	4,200	105	441	26.30	11,598
1979	3,900	3,700	100	370	23.20	8,584
1980	3,900	3,700	110	407	21.20	8,628
1981	4,500	4,300	120	516	23.50	12,126
1982	4,500	4,300	125	538	23.10	12,428
1983	4,500	4,200	100	420	20.00	8,400
1984	4,500	4,200	200	840	23.00	19,320
1985	4,700	4,500	280	1,260	19.00	23,940
1986	5,300	5,000	210	1,050	20.00	21,000

SNAP BEANS, PROCESSING: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1977-86

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Average Price	Value of Production
	Acres		Tons	Tons	Dollars/Ton	1,000 Dollars
1977	14,300	13,700	1.91	26,100	166.00	4,340
1978	14,400	12,000	1.61	19,300	175.00	3,378
1979	12,200	9,900	1.61	15,940	183.00	2,917
1980	13,700	12,100	1.05	12,710	211.00	2,682
1981	7,800	7,600	2.54	19,300	211.00	4,072
1982	7,400	6,900	2.59	17,870	204.00	3,645
1983	5,300	4,900	1.82	8,920	200.00	1,784
1984	5,400	5,300	2.14	11,340	204.00	2,313
1985	5,200	5,000	2.25	11,250	203.00	2,284
1986	5,700	5,300	1.43	7,580	199.00	1,508

COMMERCIAL APPLES: PRODUCTION, FARM DISPOSITION, AND VALUE, TENNESSEE 1977-86[1]

Crop Year	Total Production	Production Having Value	Season Average Price Per Pound	Value of Production
	Million Pounds		Cents	1,000 Dollars
1977	10.0	10.0	10.60	1,060
1978	8.0	7.7	14.20	1,093
1979	10.0	10.0	14.70	1,470
1980	8.0	7.2	16.40	1,181
1981	11.0	9.5	12.90	1,230
1982	4.5	4.2	17.70	742
1983	8.5	8.2	14.50	1,192
1984	13.0	11.5	16.10	1,846
1985	11.0	10.0	13.60	1,358
1986	9.0	8.5	17.90	1,579

[1]"Commercial" refers to the total production of apples in orchards of 100 or more bearing age trees.

PEACHES: PRODUCTION, FARM DISPOSITION, AND VALUE, TENNESSEE, 1977-86

Crop Year	Total Production	Production Having Value	Season Average Price Per Pound	Value of Production
	Million Pounds		Cents	1,000 Dollars
1977	8.0	8.0	13.00	1,040
1978	8.4	8.4	16.00	1,344
1979	8.5	8.5	16.00	1,360
1980	8.4	8.4	17.80	1,495
1981	10.0	9.5	18.50	1,758
1982	1.5	1.5	25.00	375
1983	4.0	4.0	22.00	880
1984	10.0	9.0	21.00	1,890
1985	[1]			
1986	4.0	3.7	24.00	888

[1]No significant commercial production due to frost.

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1977-86[1]

Crop Year	Producers [2]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale [3]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
			CHRYSANTHEMUMS, EXCLUDING HARDY (POTTED)[4]			
1977	33	296	431	95	2.48	1,069
1978	40	348	696	94	2.53	1,761
1979	39	326	440	97	2.90	1,276
1980	34	325	446	92	3.07	1,369
1981	28	290	431	94	2.88	1,241
1984	21	192	310	96	3.24	1,004
1985	20	154	181	95	3.44	623
1986	23	180	235	98	3.46	813
			CHRYSANTHEMUMS, HARDY (POTTED)			
1985	47	269	282	74	1.72	485
1986	44	317	185	76	1.71	316
			EASTER LILIES (POTTED)			
1977	26	70	107	94	2.26	242
1978	20	78	107	98	2.50	268
1979	22	90	132	85	2.57	339
1980	20	72	123	84	2.79	343
1981	21	74	67	92	3.08	206
1984	20	129	112	97	3.73	418
1985	19	134	103	98	3.79	390
1986	20	63	75	98	3.77	283
			FINISHED FLORIST AZALEAS (POTTED)			
1986	16	81	46	97	6.54	301
			POINSETTIAS (POTTED)			
1977	47	543	451	94	2.39	1,078
1978	49	621	692	94	2.01	1,391
1979	49	723	744	78	2.68	1,994
1980	51	671	554	90	2.91	1,612
1981	58	728	539	88	2.96	1,595
1984	41	712	443	92	4.14	1,834
1985	69	890	583	87	3.17	1,848
1986	77	988	609	89	3.36	2,046
			FLOWERING HANGING BASKETS			
1985	77		322	92	5.00	1,610
1986	73		267	91	4.63	1,236
			FOLIAGE HANGING BASKETS			
1985	54		163	94	4.88	795
1986	54		159	94	4.99	793
			FOLIAGE PLANTS (POTTED)			
1985	34	200	[5]	78	[5]	851
1986	35	115	[5]	84	[5]	400
			BEDDING GERANIUMS (FLATS)			
1985	27	82	48	69	6.55	314
1986	33	108	54	71	7.31	395
			BEDDING GERANIUMS FROM CUTTINGS (POTTED)			
1985	64	258	639	81	1.18	754
1986	61	169	307	76	1.37	421
			BEDDING GERANIUMS FROM SEED (POTTED)			
1985	25	64	203	84	1.01	205
1986	36	151	349	73	1.06	370
			BEDDING/GARDEN VEGETABLE (FLATS)			
1985	83	393	332	62	5.18	1,720
1986	85	382	215	69	4.90	1,054
			VEGETABLE TYPE BEDDING PLANTS (POTTED)			
1985	20	48	104	85	.85	88
1986	21	22	39	50	.73	28

[1]Estimates not available for years not shown.
[2]Number of growers with sales over $10,000.
[3]Equivalent wholesale value of combined retail and wholesale sales.
[4]Includes only those sold for indoor and patio use.
[5]Not available.

1986 TENNESSEE LIVESTOCK SUMMARY

The farm value of Tennessee's livestock and poultry as of January 1, 1987 amounted to $881,008,000 up 1 percent from a year earlier. Cattle, hogs and sheep increased in value per head while the value of chickens declined. Both sheep and chicken numbers increased from the previous year while cattle and hog numbers declined. Total gross income in 1986 from livestock totaled $622,137,000 up 3 percent from 1985.

All cattle and calves in Tennessee on January 1, 1987 totaled 2,400,000 head, a 4 percent decline from a year earlier and 5 percent less than two years ago. This is the third year of decline in cattle numbers. All classes of inventory showed a decline from the previous year. All cows declined 2 percent, beef cows declined 1 percent and milk cows were down 3 percent. Heifers declined 10 percent, steers were down 6 percent, bulls dropped 8 percent, and calves declined 4 percent.

Tennessee's 1986 calf drop totaled 1,140,000, up 2 percent from 1985. The average value per head for all cattle and calves increased from $320 to $335. Gross income from all cattle and calves in 1986 was $444,054,000, a 2 percent increase from 1985.

The number of milk cows on Tennessee farms during 1986 averaged 207,000 compared with 210,000 a year earlier and the five year average of 213,000 head. Milk production per cow increased to 10,729 pounds up from 10,643 in 1985. Gross income from dairy products declined 3 percent to $278,544,000.

Hogs and pigs on Tennessee farms as of December 1, 1986 numbered 770,000 down 19 percent from the previous year and 30 percent less than 2 years ago. Breeding stock inventory totaled 115,000 down 12 percent from 1985 and 23 percent below 1984. The pig crop for 1986 amounted to 1,394,000, down 2 percent from 1985 and 14 percent below 1984. Pigs saved per litter totaled 7.6 for the December 1985-May 1986 period and 7.3 for the June-November 1986 period. Gross income from hogs and pigs in 1986 was $177,853,000, up 6 percent from the previous year. Average value per head was $91.00 up sharply from $69.00 the previous year.

The number of chickens, excluding commercial broilers, on Tennessee farms on December 1, 1986 was 3.5 million, up 6 percent from the previous year. Value of sales totaled $960,000, compared with $1,589,000 in 1985. The average value per head was $1.70, down $.15 from 1985. Gross income from poultry estimates were discontinued beginning with 1986.

All sheep and lambs in Tennessee on January 1, 1987 amounted 13,000 head, up 130 percent from a year earlier and the largest number on hand since 1979. Gross income from sheep and lambs in 1986 totaled $230,000 up slightly from $228,000 the year before. The average value per head at $76.00 was up $9.00 from 1985.

LIVESTOCK AND POULTRY FARMS: TENNESSEE, 1980-86

Year	Cattle	Dairy	Hogs	Sheep	Chickens
			1,000 Farms		
1980	76	10	33	.450	11.0
1981	76	9.4	27	.450	10.0
1982	77	8.5	23	.400	8.0
1983	77	8.5	22	.430	7.5
1984	76	7	22	.450	7.5
1985	76	6.7	21	.470	7.3
1986	74	6.4	18	.470	[1]

[1]Discontinued.

LIVESTOCK ON FARMS: TENNESSEE, JANUARY 1, 1986-87

Class of Livestock or Poultry	Number		Farm Value Per Head		Total Farm Value	
	1986	1987	1986	1987	1986	1987
	1,000		Dollars		1,000 Dollars	
All Cattle & Calves	2,500	2,400	320.00	335.00	800,000	804,000
Hogs and Pigs[1]	950	770	69.00	91.00	65,550	70,070
Sheep and Lambs	10	13	67.00	76.00	670	988
Chickens[1 2]	3,300	3,500	1.85	1.70	6,105	5,950
Total	—	—	—	—	872,325	881,008

[1]December 1 previous year. [2]Does not include commercial broilers.

LIVESTOCK BY CLASS: TENNESSEE, JANUARY 1, 1982-87

Classes	1982	1983	1984	1985	1986	1987
Cows and Heifers that have Calved	1,225	1,360	1,360	1,260	1,250	1,230
Beef Cows	1,010	1,143	1,146	1,050	1,040	1,027
Milk Cows	215	217	214	210	210	203
Heifers 500 Pounds and Over	410	350	380	320	345	310
For Beef Cow Replacement	220	185	215	170	190	175
For Milk Cow Replacement	110	95	95	90	100	85
Other Heifers	80	70	70	60	55	50
Steers 500 Pounds and Over	165	160	160	165	165	155
Bulls 500 Pounds and Over	70	75	75	65	65	60
Heifers, Steers, and Bulls under 500 Pounds	630	730	775	725	675	645
All Cattle and Calves	2,500	2,675	2,750	2,535	2,500	2,400
Hogs and Pigs[1]	900	750	950	1,100	950	770
Ewes 1 year old and over	7.5	6.0	4.8	6.8	7.7	8.7
Ewe Lambs	1.3	1.0	.5	.8	.8	2.3
Other Stock Sheep	1.2	1.0	.7	1.4	1.5	2.0
All Sheep & Lambs	10	8	6	9	10	13
Hens and Pullets of Laying Age[1]	3,700	3,650	3,000	3,200	2,680	2,585
Other Pullets[1]	650	910	790	780	[2]	[2]
Other Chickens[1 2]	150	140	110	120	[2]	[2]
All Chickens[1 3]	4,500	4,700	3,900	4,100	3,300	3,500

[1]December 1 previous year. [2]Not published to avoid disclosure of individual operations. [3]Does not include commercial broilers.

CATTLE

CATTLE AND CALVES: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1982-87

Year	All Cattle and Calves January 1	Calves Born	Inshipments	Marketing[2]		Slaughter on Farms Cattle and Calves	Deaths	
				Cattle	Calves		Cattle	Calves
				1,000 Head				
1982	2,500	1,180	120	609	380	6	40	90
1983	2,675	1,220	148	688	458	5	42	100
1984	2,750	1,160	216	1,027	426	3	40	95
1985	2,535	1,120	241	893	360	3	40	100
1986	2,500	1,140	286	970	414	2	45	95
1987[1]	2,400							

Year	Production[3]	Marketings[4]	Price Per 100 Pounds		Cash Receipts[5]	Value of Home Consumption	Gross Income
			Cattle	Calves			
	1,000 Pounds		Dollars			1,000 Dollars	
1982	656,670	611,010	45.00	54.30	281,581	13,697	295,278
1983	766,950	755,440	45.40	55.90	355,095	12,867	367,962
1984	780,125	1,048,255	44.60	54.10	477,099	9,725	486,824
1985	798,765	934,025	44.50	56.50	425,838	9,404	435,242
1986	764,235	991,795	42.50	56.30	435,028	9,026	444,054

[1]Preliminary. [2]Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [3]Adjustments made for changes in inventory and for inshipments. [4]Excludes interfarm sales within the State and custom slaughter on farms where produced. [5]Receipts from marketing and sale of farm slaughter.

PRICES RECEIVED BY FARMERS: BY MONTHS, TENNESSEE, 1981-86

DOLLARS PER CWT.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						BEEF CATTLE							
1981	48.10	49.60	47.50	50.70	47.20	47.90	44.10	46.60	46.80	45.50	42.70	41.40	46.20
1982	41.60	44.60	44.50	46.30	47.30	46.00	46.20	47.20	44.40	43.70	44.30	42.80	45.00
1983	46.60	49.40	50.90	50.40	49.60	48.30	45.80	42.70	42.60	42.60	41.30	42.10	45.40
1984	42.80	46.30	47.60	46.80	45.30	43.60	44.30	45.70	43.80	42.70	43.20	45.10	44.60
1985	43.90	45.50	46.70	49.50	47.40	45.50	41.30	42.80	42.60	42.60	43.80	40.80	44.50
1986	42.00	43.30	44.20	41.70	39.70	41.20	40.20	42.80	44.50	43.60	42.50	43.80	42.50
						ALL COWS							
1981	42.50	43.10	40.60	42.50	41.40	40.70	39.80	39.80	38.50	37.10	35.40	34.50	39.40
1982	35.90	37.60	37.50	39.40	40.80	39.30	38.40	38.10	36.80	35.40	35.40	34.60	37.50
1983	37.50	39.50	40.30	40.10	41.70	40.10	39.80	35.70	34.20	33.60	33.10	32.60	36.70
1984	33.80	38.30	40.50	39.30	38.90	37.20	36.60	37.50	34.40	34.50	32.90	33.30	36.20
1985	36.60	37.00	38.00	37.60	38.90	36.30	34.30	34.20	32.70	31.70	32.00	33.00	35.20
1986	33.40	35.40	34.90	32.20	32.90	34.90	33.20	33.80	35.10	34.30	33.50	33.70	33.90
						STEERS AND HEIFERS							
1981	58.70	58.10	57.00	59.40	54.30	55.00	52.00	52.20	53.60	51.20	50.00	48.40	53.30
1982	49.20	52.90	54.10	54.60	56.00	54.80	55.00	56.30	53.80	51.90	51.90	51.20	53.70
1983	54.30	57.80	59.00	59.10	57.10	55.60	51.90	49.20	49.30	48.90	49.50	52.00	53.00
1984	53.00	56.60	55.40	54.10	52.70	50.50	51.40	52.80	50.80	50.90	52.00	52.90	52.50
1985	54.00	56.40	55.60	57.80	56.00	53.70	50.00	51.90	50.00	51.10	51.90	50.80	53.40
1986	51.80	53.00	52.30	50.00	48.10	49.30	50.10	52.40	53.70	52.50	51.80	53.90	51.70
						CALVES							
1981	63.00	65.10	64.00	65.80	60.70	57.70	53.30	54.90	54.80	52.30	52.90	52.70	57.10
1982	51.40	54.40	56.40	56.90	57.50	55.30	53.70	55.90	53.40	51.30	51.30	54.40	54.30
1983	58.00	63.20	63.40	63.70	62.00	57.30	55.20	50.80	50.30	51.20	53.20	53.60	55.90
1984	55.30	58.60	57.70	57.80	55.60	52.30	52.70	55.30	51.60	52.20	53.40	51.00	54.10
1985	56.30	58.30	58.90	60.30	59.70	56.70	53.60	57.30	54.80	54.60	55.90	53.40	56.50
1986	55.90	59.30	57.70	55.40	51.40	53.30	55.80	56.50	59.20	57.50	55.70	56.00	56.30

[1]Marketing year January 1 to December 31. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month during the marketing year.

TENNESSEE

CATTLE AND CALVES

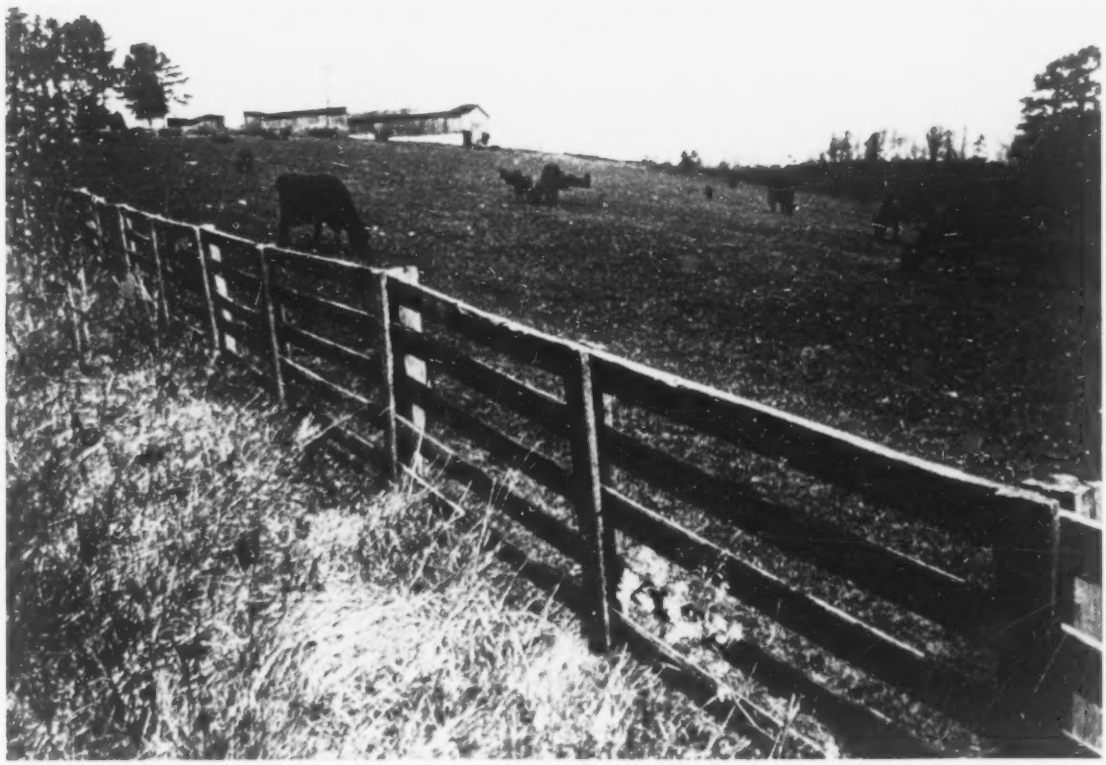
January 1, 1987

HEAD

- 40,000 and over
- 30,000-39,999
- 15,000-29,999
- Under 15,000

TOP FIVE COUNTIES

1.	GREENE	85,000 head
2.	LINCOLN	81,000 head
3.	MAURY	68,000 head
4.	GILES	67,000 head
5.	WILLIAMSON	62,000 head



CATTLE AND CALVES: TENNESSEE, BY COUNTIES, JANUARY 1, 1986-87[1]

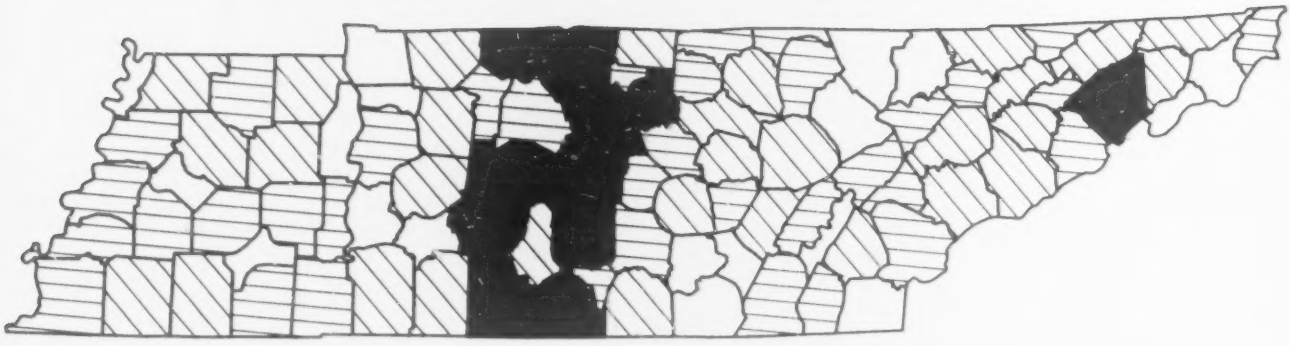
District & County	1986 Number	1987 Number	Rank
Dyer	18,000	17,000	54*
Lake	[2]	[2]	95
Lauderdale	13,500	14,000	62*
Obion	25,500	25,000	37*
Shelby	17,000	16,000	57*
Tipton	15,000	15,000	60
District 1	89,000	87,000	
Benton	9,000	9,000	79*
Carroll	18,000	18,500	52
Chester	9,000	8,500	83*
Crockett	9,000	9,000	79*
Decatur	14,000	13,500	64*
Fayette	31,000	31,000	28
Gibson	33,000	31,500	27
Hardeman	18,000	17,000	54*
Hardin	13,000	13,000	66*
Haywood	10,000	8,500	83*
Henderson	23,000	23,000	43*
Henry	28,000	26,000	34*
McNairy	12,000	11,500	71*
Madison	14,000	13,500	64*
Weakley	20,000	19,500	49*
District 2	261,000	253,000	
Cheatham	11,500	11,000	73*
Dickson	34,000	34,000	22*
Hickman	24,000	23,000	43*
Houston	8,000	8,000	87*
Humphreys	20,000	19,500	49*
Lawrence	49,000	50,000	12
Lewis	5,500	6,000	92
Montgomery	37,000	35,000	21
Perry	7,000	7,500	90*
Robertson	56,000	57,000	8
Stewart	10,000	10,000	78
Wayne	20,000	20,000	48
District 3	282,000	281,000	
Bedford	61,000	60,000	6*
Cannon	27,000	24,000	39*
Clay	15,000	14,500	61
Davidson	19,000	19,000	51
DeKalb	18,000	18,000	53
Giles	75,000	67,000	4
Jackson	13,000	12,000	70
Lincoln	83,000	81,000	2
Macon	24,000	23,500	42
Marshall	49,000	49,000	13
Maury	73,000	68,000	3
Moore	23,000	22,500	46
Rutherford	63,000	60,000	6*
Smith	39,000	40,000	16
Sumner	57,000	53,000	11
Trousdale	13,000	12,500	68*
Williamson	66,000	62,000	5
Wilson	55,000	54,000	9*
District 4	773,000	740,000	
Bledsoe	25,000	25,000	37*
Coffee	32,000	32,000	26
Cumberland	23,000	23,000	43*
Fentress	17,000	17,000	54*
Franklin	35,000	33,000	24*
Grundy	8,000	8,000	87*
Marion	8,500	8,500	83*
Morgan	8,500	8,000	87*
Overton	32,000	30,000	29
Pickett	10,000	8,500	83*
Putnam	30,000	29,000	30*
Scott	5,000	5,000	93
Sequatchie	7,000	7,500	90*
Van Buren	11,000	11,500	71*
Warren	39,000	39,000	17*
White	39,000	39,000	17*
District 5	330,000	324,000	
Anderson	11,000	11,000	73*
Blount	40,000	38,000	19
Bradley	32,000	29,000	30*
Campbell	10,000	9,000	79*
Carter	13,000	12,500	68*
Claiborne	30,000	29,000	30*
Cocke	23,000	22,000	47
Grainger	26,500	24,000	39*
Greene	93,000	85,000	1
Hamblen	27,000	26,000	34*
Hamilton	15,000	13,000	66*
Hancock	16,000	14,000	62*
Hawkins	41,000	37,000	20
Jefferson	45,000	44,000	15
Johnson	16,500	16,000	57*
Knox	35,000	33,000	24*
Loudon	30,000	26,000	34*
McMinn	49,000	47,000	14
Meigs	11,000	11,000	73*
Monroe	36,000	34,000	22*
Polk	11,000	11,000	73*
Rhea	12,000	11,000	73*
Roane	17,500	16,000	57*
Sevier	25,000	24,000	39*
Sullivan	31,000	28,000	33
Unicoi	1,500	1,500	94
Union	10,000	9,000	79*
Washington	57,000	54,000	9*
District 6	765,000	715,000	
STATE	2,500,000	2,400,000	

[1]1986 Final; 1987 Preliminary.
[2]Not published to avoid disclosing individual operations.
*Tied.

TENNESSEE

BEEF COWS

January 1, 1987



HEAD

20,000 and over

10,000-19,999

5,000-9,999

Under 5,000

TOP FIVE COUNTIES

1.	LINCOLN	34,000 head
2.	MAURY	31,000 head
3.	WILLIAMSON	30,000 head
4.	GILES	28,000 head
5.	BEDFORD	27,000 head

BEEF COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1986-87[1]

District & County	1986 Number	1987 Number	Rank
Dyer	8,000	8,000	55*
Lake	[2]	[2]	95
Lauderdale	6,000	6,000	67
Obion	9,000	11,000	33*
Shelby	9,000	9,000	44*
Tipton	8,000	8,000	55*
District 1	40,000	42,000	
Benton	4,100	4,500	78*
Carroll	8,800	10,000	39*
Chester	3,700	3,500	85*
Crockett	4,500	4,500	78*
Decatur	7,600	8,000	55*
Fayette	14,000	15,000	21*
Gibson	12,500	12,000	30*
Hardeman	10,200	10,500	35*
Hardin	6,300	6,500	63*
Haywood	6,000	5,500	68*
Henderson	8,700	9,000	44*
Henry	12,000	13,000	25*
McNairy	5,600	5,500	68*
Madison	6,200	6,500	63*
Weakley	7,800	8,000	55*
*District 2	118,000	122,000	
Cheatham	5,500	5,500	68*
Dickson	16,300	17,000	18*
Hickman	11,000	10,500	35*
Houston	3,900	4,000	82*
Humphreys	8,600	9,000	44*
Lawrence	19,000	19,500	12*
Lewis	2,900	3,500	85*
Montgomery	18,200	18,000	14
Perry	2,900	3,500	85*
Robertson	21,900	21,500	10
Stewart	4,300	4,500	78*
Wayne	10,500	10,500	35*
District 3	125,000	127,000	
Bedford	26,000	27,000	5*
Cannon	8,000	7,500	60*
Clay	7,100	7,000	62
Davidson	8,500	8,500	51*
DeKalb	8,000	8,000	55*
Giles	29,500	28,000	4
Jackson	8,900	9,000	44*
Lincoln	34,000	34,000	1
Macon	11,500	11,500	32
Marshall	18,000	17,500	15*
Maury	32,000	31,000	2
Moore	8,000	8,500	51*
Rutherford	26,000	24,500	9
Smith	19,500	20,000	11
Sumner	28,000	27,000	5*
Trousdale	6,500	6,500	63*
Williamson	32,500	30,000	3
Wilson	26,000	26,500	8
District 4	338,000	332,000	
Bledsoe	9,300	10,000	39*
Coffee	9,500	9,000	44*
Cumberland	9,700	10,000	39*
Fentress	8,300	8,500	51*
Franklin	12,600	12,500	29
Grundy	3,400	3,500	85*
Marion	3,200	3,000	89*
Morgan	4,000	4,000	82*
Overton	13,800	13,000	25*
Pickett	5,000	5,000	74*
Putnam	13,200	13,000	25*
Scott	2,000	2,000	91*
Sequatchie	2,500	3,000	89*
Van Buren	4,500	5,000	74*
Warren	16,000	17,500	15*
White	15,000	14,000	23*
District 5	132,000	133,000	
Anderson	5,000	5,000	74*
Blount	15,500	15,000	21*
Bradley	10,800	9,500	42*
Campbell	2,200	2,000	91*
Carter	4,400	4,000	82*
Claiborne	15,000	14,000	23*
Cocke	9,500	9,000	44*
Grainger	12,300	11,000	33*
Greene	31,000	27,000	5*
Hamblen	8,800	8,500	51*
Hamilton	6,800	5,500	68*
Hancock	8,000	7,500	60*
Hawkins	17,500	19,500	12*
Jefferson	17,500	17,500	15*
Johnson	5,200	5,500	68*
Knox	16,500	15,500	20
Loudon	10,500	9,000	44*
McMinn	12,600	12,000	30*
Meigs	5,000	4,500	78*
Monroe	10,800	9,500	42*
Polk	2,000	2,000	91*
Rhea	5,000	5,000	74*
Roane	6,900	6,500	63*
Sevier	11,000	10,500	35*
Sullivan	12,600	13,000	25*
Unicoi	800	700	94
Union	4,800	5,300	73
Washington	19,000	17,000	18*
District 6	287,000	271,000	
STATE	1,040,000	1,027,000	

[1]1986 Final; 1987 Preliminary.
[2]Not published to avoid disclosing individual operations.
*Tied.

SWINE

HOGS AND PIGS: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1982-86

Year	All Hogs[1]	Total Pig Crop: Sows Farrowing	Total Pig Crop: Pig Crop	Inshipments	Marketings[3]	Slaughter on Farms	Deaths
				1,000 Head			
1982	900	195	1,395	153	1,518	70	110
1983	750	220	1,550	113	1,268	55	140
1984	950	220	1,615	109	1,399	60	115
1985	1,100	189	1,427	173	1,595	55	100
1986[2]	950	187	1,394	191	1,625	50	90
1987	770						

Year	Production[4]	Marketings[5]	Price Per 100 Pounds	Cash Receipts[6]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars	
1982	322,370	331,575	51.40	178,948	13,564	192,512
1983	298,020	261,081	46.70	125,602	9,516	135,118
1984	344,914	300,438	47.10	147,137	10,470	157,607
1985	344,217	353,352	43.20	158,461	8,927	167,388
1986	340,418	354,797	45.70	169,417	8,436	177,853

[1]December 1 preceeding year. [2]Preliminary. [3]Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [4]Adjustments made for changes in inventory and for inshipments. [5]Excludes interfarm sales within the State and custom slaughter on farms where produced. [6]Receipts from marketing and sale of farm slaughter.

HOGS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-86

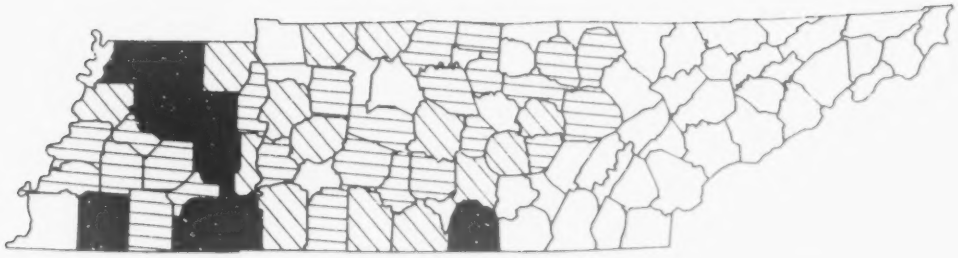
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						DOLLARS PER CWT.							
1981	40.30	41.00	38.70	38.60	41.50	46.90	49.40	49.30	48.90	45.00	42.50	39.50	43.80
1982	44.20	49.20	48.50	51.90	56.70	57.80	58.40	61.60	61.70	55.80	52.60	53.50	51.40
1983	54.60	55.70	50.00	46.10	45.80	44.50	43.90	46.30	43.30	39.90	38.10	43.40	46.70
1984	48.20	45.30	45.10	47.10	47.30	48.70	52.30	50.90	46.20	43.40	46.90	47.60	47.10
1985	47.10	47.70	43.00	41.00	41.10	43.60	44.90	41.50	39.60	41.50	41.70	44.10	43.20
1986	43.20	42.00	39.00	39.20	44.30	50.70	57.60	61.10	57.60	52.50	51.40	49.80	45.70

[1]Marketing year is December through November. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.

TENNESSEE

HOGS AND PIGS

December 1, 1986



HEAD

Under 5,000

5,000-9,999

10,000-19,999

20,000 and over

ALL HOGS & PIGS

TOP FIVE COUNTIES

1.	WEAKLEY	54,000 head
2.	HENDERSON	38,000 head
3.	OBION	35,800 head
4.	GIBSON	35,000 head
5.	FRANKLIN	30,500 head

HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1980-86

Year	Dec. 1 Inventory	Breeding	Market	Market			
				Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 + lbs.
				1,000 Head			
1980	1,140	190	950	435	220	145	150
1981	900	130	770	240	175	170	185
1982	750	130	620	229	191	115	85
1983	950	140	810	330	210	135	135
1984	1,100	150	950	330	240	180	200
1985	950	130	820	290	200	170	160
1986	770	115	655	242	165	123	125

PIG CROP: SOWS FARROWED AND PIGS SAVED, TENNESSEE 1980-86

Year	December-May Farrowings			June-November Farrowings		
	Sows	Pigs Per Litter	Pigs Saved	Sows	Pigs Per Litter	Pigs Saved
	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1980	160	6.8	1,088	145	7.0	1,015
1981	115	7.2	828	100	7.4	740
1982	100	7.3	730	95	7.0	665
1983	100	7.1	710	120	7.0	840
1984	90	7.4	666	130	7.3	949
1985	95	7.5	713	94	7.6	714
1986	95	7.6	722	92	7.3	672

HOGS AND PIGS: TENNESSEE, BY COUNTIES, DECEMBER 1, 1985-86[1]

District & County	1985 Number	1986 Number	Rank
Dyer	12,400	10,500	22
Lake	200	200	95
Lauderdale	6,700	5,500	43*
Obion	44,900	35,800	3
Shelby	5,400	4,500	49
Tipton	6,400	5,500	43*
District 1	76,000	62,000	
Benton	8,000	6,900	38*
Carroll	33,000	25,500	7
Chester	12,300	9,600	24
Crockett	6,000	5,000	48
Decatur	19,900	16,000	12
Fayette	36,200	29,500	6
Gibson	44,600	35,000	4
Hardeman	9,000	7,500	33*
Hardin	26,300	21,500	9
Haywood	6,600	5,500	43*
Henderson	47,500	38,000	2
Henry	23,100	18,500	11
McNairy	29,000	23,500	8
Madison	10,500	9,000	25*
Weakley	66,000	54,000	1
District 2	378,000	305,000	
Cheatham	5,000	4,000	52*
Cheatham	7,100	6,000	41*
Hickman	18,100	14,900	15
Houston	2,700	2,500	65*
Humphreys	12,400	10,000	23
Lawrence	10,500	9,000	25*
Lewis	2,800	2,500	65*
Montgomery	14,400	11,000	21
Perry	11,000	8,800	27*
Robertson	19,000	15,000	13*
Stewart	4,000	3,300	60
Wayne	16,000	13,000	19
District 3	123,000	100,000	
Bedford	9,100	7,700	31*
Cannon	11,400	8,600	30
Clay	4,500	3,400	58*
Davidson	1,600	1,200	80*
DeKalb	4,100	3,100	61*
Giles	22,300	19,000	10
Jackson	3,800	2,900	64
Lincoln	16,600	13,500	18
Macon	7,200	5,500	43*
Marshall	6,800	5,200	47
Maury	8,700	7,500	33*
Moore	2,400	2,400	67*
Rutherford	14,300	12,000	20
Smith	9,000	7,500	33*
Sumner	11,400	8,800	27*
Trousdale	1,300	1,000	82*
Williamson	8,300	6,500	40
Wilson	7,200	7,200	36
District 4	150,000	123,000	
Bledsoe	4,800	4,000	52*
Coffee	17,500	14,400	17
Cumberland	10,400	8,700	29
Fentress	7,600	6,000	41*
Franklin	36,000	30,500	5
Grundy	4,400	3,700	55
Marion	4,400	3,400	58*
Morgan	1,800	1,400	79
Overton	9,500	7,700	31*
Pickett	2,500	1,600	77
Putnam	9,000	7,000	37
Scott	1,200	1,200	80*
Sequatchie	900	800	88*
Van Buren	8,100	6,900	38*
Warren	19,500	15,000	13*
White	19,400	14,700	16
District 5	157,000	127,000	
Anderson	3,900	3,100	61*
Blount	5,400	4,400	50
Bradley	1,100	1,000	82*
Campbell	300	300	94
Carter	1,300	1,000	82*
Claiborne	4,200	3,100	61*
Cocke	2,300	2,000	70*
Grainger	1,000	800	88*
Greene	5,000	4,300	51
Hamblen	3,200	2,400	67*
Hamilton	4,500	3,500	56*
Hancock	1,100	900	87
Hawkins	2,100	1,800	74
Jefferson	4,800	3,500	56*
Johnson	1,000	700	90
Knox	1,900	1,700	76*
Loudon	1,400	2,000	70*
McMinn	1,900	1,700	75*
Meigs	500	400	91*
Monroe	2,500	2,200	69
Polk	1,500	1,000	82*
Rhea	5,600	4,000	52*
Roane	2,500	1,900	73
Sevier	2,800	2,000	70*
Sullivan	600	400	91*
Unicoi	500	400	91*
Union	1,100	1,000	82*
Washington	1,900	1,500	78
District 6	66,000	53,000	
STATE	950,000	770,000	

[1]1985 Final; 1986 Preliminary.
*Tied.

HOGS AND PIGS FOR BREEDING: TENNESSEE, BY COUNTIES, DECEMBER 1, 1985-86[1]

District & County	1985 Number	1986 Number	Rank
Dyer	1,400	1,300	30*
Lake	[2]	[2]	95*
Lauderdale	1,200	1,000	40*
Obion	4,300	3,900	6
Shelby	900	800	46*
Tipton	700	700	53*
District 1	8,500	7,700	
Benton	1,000	1,000	40*
Carroll	4,300	3,700	7
Chester	1,600	1,300	30*
Crockett	1,000	800	46*
Decatur	3,300	2,700	9
Fayette	4,800	4,300	5
Gibson	5,300	4,400	2*
Hardeman	1,500	1,300	30*
Hardin	3,100	2,500	11*
Haywood	800	800	46*
Henderson	4,900	4,400	2*
Henry	2,900	2,600	10
McNairy	3,500	2,900	8
Madison	1,600	1,600	23*
Weakley	6,400	5,900	1
District 2	46,000	40,200	
Cheatham	900	800	46*
Dickson	1,200	1,000	40*
Hickman	2,200	1,900	19*
Houston	500	400	68*
Humphreys	1,800	1,500	25*
Lawrence	2,700	2,500	11*
Lewis	500	500	62*
Montgomery	1,900	1,900	19*
Perry	1,400	1,300	30*
Robertson	2,100	1,700	21*
Stewart	800	700	53*
Wayne	2,500	2,100	17
District 3	18,500	16,300	
Bedford	1,000	1,000	40*
Cannon	1,400	1,300	30*
Clay	900	700	53*
Davidson	200	200	79*
DeKalb	700	500	62*
Giles	2,500	2,500	11*
Jackson	700	600	59*
Lincoln	2,900	2,300	15
Macon	1,300	1,000	40*
Marshall	800	800	46*
Maury	1,400	1,300	30*
Moore	400	400	68*
Rutherford	2,700	2,000	18
Smith	1,800	1,700	21*
Sumner	1,400	1,100	38*
Trousdale	200	200	79*
Williamson	1,200	1,100	38*
Wilson	1,500	1,400	28*
District 4	23,000	20,100	
Bledsoe	950	900	45
Coffee	2,400	2,200	16
Cumberland	1,400	1,300	30*
Fentress	1,500	1,400	28*
Franklin	4,600	4,400	2*
Grundy	900	800	46*
Marion	800	700	53*
Morgan	300	300	73*
Overton	1,800	1,500	25*
Pickett	500	500	62*
Putnam	2,000	1,500	25*
Scott	250	200	79*
Sequatchie	200	200	79*
Van Buren	1,400	1,200	37
Warren	1,700	1,600	23*
White	2,800	2,500	11*
District 5	23,500	21,200	
Anderson	700	600	59*
Blount	900	700	53*
Bradley	300	300	73*
Campbell	[2]	100	90*
Carter	200	200	79*
Claiborne	600	500	62*
Cocke	200	200	79*
Grainger	200	200	79*
Greene	500	500	62*
Hamblen	400	400	68*
Hamilton	700	600	59*
Hancock	200	200	79*
Hawkins	400	400	68*
Jefferson	800	700	53*
Johnson	200	200	79*
Knox	400	300	73*
Loudon	200	200	79*
McMinn	600	500	62*
Meigs	100	100	90*
Monroe	500	400	68*
Polk	300	200	79*
Rhea	800	800	46*
Roane	400	300	73*
Sevier	300	300	73*
Sullivan	100	100	90*
Unicoi	100	100	90*
Union	100	100	90*
Washington	300	300	73*
District 6	10,500	9,500	
STATE	130,000	115,000	

[1]1985 Final; 1986 Preliminary.
[2]Not published to avoid disclosure of individual operations.
*Tied

SHEEP AND WOOL

SHEEP AND LAMBS: INVENTORY NUMBER, LAMB CROP, AND DISPOSITION, TENNESSEE, 1980-87[1]

Year	On Hand Jan. 1	Lambs Saved	Inshipments Sheep & Lambs	Marketings[2] Sheep	Marketings[2] Lambs	Deaths Sheep	Deaths Lambs
	1,000 Head						
1980	12	10	3	4	6	1	2
1981	11	9	2	4	4	1	2
1982	10	7.5	.5	3.3	4.4	.6	1.5
1983	8	6	.7	3	4	.4	1.1
1984	6	6.5	3.1	1.2	3.7	.4	1.1
1985	9	6.8	1	.7	3.6	.8	1.5
1986	10	7.7	2.1	1.7	3	.9	1
1987	13						

[1]Balance sheet estimates. Total of marketings, farm slaughter, deaths, and on hand end of year equals total of lamb crop, inshipments, and on hand beginning of year.
[2]Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, TENNESSEE, 1980-86

Year	Production[1]	Marketings[2]	Average Price Per 100 lbs. Sheep	Average Price Per 100 lbs. Lambs	Value of Production	Cash Receipts[3]	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		1,000 Dollars
1980	621	980	19.50	62.10	351	420	460
1981	513	800	17.30	60.50	301	294	348
1982	482	759	17.20	53.80	216	275	282
1983	391	670	18.10	56.40	190	256	270
1984	513	461	20.50	59.00	263	221	231
1985	448	401	21.20	62.80	233	220	228
1986	547	457	21.00	67.80	324	222	230

[1]Adjustments made for inshipments and changes in inventory. [2]Excludes interfarm sales.
[3]Includes receipts from marketings and sale of farm slaughtered meat.

SHEEP AND LAMBS: NUMBER ON FARMS AND VALUE, TENNESSEE, JANUARY 1, 1980-87

Year	All Sheep and Lambs Number	All Sheep and Lambs Value Per Head	All Sheep and Lambs Value Total	Lambs Ewes	Lambs Wethers and Rams	Sheep one year old and older Ewes	Sheep one year old and older Wethers and Rams
	1,000 Head	Dollars	1,000 Dollars	1,000 Head		1,000 Head	
1980	12	42.00	504	1	1	9	1
1981	11	53.00	583	1	.5	9	.5
1982	10	56.00	560	1.3	.7	7.5	.5
1983	8	63.50	508	1	.5	6	.5
1984	6	58.00	348	.5	.3	4.8	.4
1985	9	63.50	572	.8	.8	6.8	.6
1986	10	67.00	670	.8	.8	7.7	.7
1987	13	76.00	988	2.3	1.3	8.7	.7

SHEEP: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						DOLLARS PER CWT.							
1981	20.00	20.00	21.20	21.80	21.80	20.00	18.50	15.00	13.70	11.00	9.30	11.00	17.30
1982	13.00	13.00	17.90	19.40	18.00	17.90	18.80	14.40	16.70	18.50	16.00	18.50	17.20
1983	18.00	19.60	18.90	18.50	17.60	17.20	18.00	17.00	16.00	17.00	19.00	20.00	18.10
1984	21.00	17.50	23.00	17.70	17.80	16.90	18.10	18.80	17.80	20.90	17.90	18.50	20.50
1985	19.90	22.50	26.00	23.60	21.20	21.20	22.00	23.00	18.67	18.70	18.80	18.80	21.20
1986[2]													

[1]Marketing year is January 1 through December 31. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.
[2]Not published to avoid disclosing individual operations.

LAMBS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						DOLLARS PER CWT.							
1981	61.00	59.00	60.00	60.50	61.70	63.00	66.00	60.00	53.00	55.00	50.00	51.00	60.50
1982	47.60	48.50	58.00	58.70	58.60	57.00	55.50	46.50	56.30	54.00	45.50	47.50	53.80
1983	55.30	56.40	58.50	61.90	59.70	57.80	54.10	53.80	53.00	56.00	56.30	55.00	56.40
1984	56.80	58.80	61.00	58.20	58.30	58.50	58.40	58.10	61.30	62.60	58.70	57.30	59.00
1985	58.30	59.80	59.40	64.70	61.90	65.00	65.00	66.60	67.80	63.00	63.50	59.00	62.80
1986[2]													

[1]Marketing year is January 1 through December 31. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.
[2]Not published to avoid disclosing individual operations.

WOOL: FARM PRODUCTION AND VALUE, TENNESSEE, 1980-86

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value[1]
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1980	10	5.7	57	73	42
1981	9	6.0	54	77	42
1982	7.8	5.9	46	43	20
1983	7.2	6.5	47	47	22
1984	6.0	6.8	41	73	30
1985	8.8	6.5	57	52	30
1986	9.7	6.4	62	61	38

[1]Production multiplied by annual average price.

AUCTION PRICES

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 1*					Dollars Per Hundredweight								
300-400 lbs.													
1980	99.20	107.81	89.38	82.10	79.75	80.38	78.15	82.19	81.38	79.55	76.75	75.38	84.33
1981	77.19	79.25	75.81	79.60	70.44	68.25	63.10	68.19	69.70	67.19	65.19	62.31	70.52
1982	61.06	63.32	69.10	68.19	67.63	64.40	64.62	68.75	65.40	62.38	61.94	62.31	64.93
1983	69.75	74.56	77.15	75.25	72.50	69.35	65.62	62.20	62.75	63.75	67.35	67.42	68.97
1984	67.44	71.95	71.50	72.81	66.20	64.38	66.44	68.45	65.50	66.00	66.93	64.83	67.70
1985	71.53	79.25	77.88	77.31	74.85	71.81	67.25	71.50	69.38	69.00	71.50	67.25	72.38
1986	69.25	72.31	71.75	70.69	65.13	68.13	71.45	75.19	75.31	72.10	69.81	70.19	70.94
1987	75.75	81.88	86.25	87.70									
400-500 lbs.													
1980	88.15	95.94	83.81	77.70	74.38	75.94	74.45	77.38	76.75	75.30	72.00	71.75	78.63
1981	70.00	72.38	71.75	74.65	66.44	64.50	60.65	62.69	63.30	61.56	61.12	58.88	65.66
1982	58.44	60.13	65.55	66.75	65.75	62.52	62.31	65.00	63.60	60.88	60.12	59.94	62.59
1983	64.94	69.75	73.10	71.50	69.59	65.30	61.25	58.25	59.00	60.06	62.40	62.59	64.80
1984	64.19	67.10	67.00	66.75	64.30	60.88	62.16	63.50	61.94	62.75	63.25	61.33	63.76
1985	66.80	70.81	71.19	71.25	70.75	68.00	62.90	66.00	63.88	64.35	66.44	63.29	67.14
1986	64.60	66.38	68.19	64.85	61.38	61.88	65.60	66.06	68.44	66.55	63.88	64.50	65.19
1987	69.38	74.13	77.44	79.75									
500-600 lbs.													
1980	80.10	85.53	77.18	71.25	68.88	70.50	71.85	73.31	73.00	71.75	70.25	67.75	73.44
1981	67.19	68.25	65.88	69.75	62.44	61.84	59.75	60.75	61.50	59.25	58.88	56.63	62.68
1982	56.13	58.69	62.50	63.62	63.38	61.45	61.38	63.69	62.32	59.88	58.66	58.75	60.87
1983	62.84	65.75	69.15	67.75	65.00	62.90	59.69	55.93	56.28	58.25	59.15	59.96	61.89
1984	61.25	64.55	63.88	63.56	61.52	59.63	60.19	61.73	59.82	60.85	61.50	60.92	61.62
1985	63.75	66.81	67.88	67.00	65.90	64.06	60.55	61.94	59.69	60.20	61.06	59.33	63.18
1986	59.63	62.25	61.50	59.60	58.13	59.13	60.30	62.06	64.13	60.90	60.63	60.88	60.76
1987	64.69	67.75	71.00	73.15									
600-700 lbs.													
1980	74.45	79.44	71.75	64.42	63.50	65.44	67.85	70.00	70.06	68.85	67.45	65.00	69.11
1981	65.28	65.34	62.56	64.42	60.75	59.85	58.05	59.00	59.73	57.25	57.00	55.28	55.95
1982	54.44	57.57	59.70	60.50	61.19	59.90	60.69	62.31	60.85	58.75	57.38	56.19	59.13
1983	60.12	62.56	64.20	63.50	60.75	59.90	57.66	54.70	52.94	55.44	56.20	59.34	58.94
1984	60.03	62.13	62.12	60.75	57.70	57.50	58.69	59.70	58.50	58.43	60.28	59.58	59.62
1985	62.05	63.75	63.56	62.06	60.95	59.81	56.60	56.69	55.88	56.30	57.56	56.79	59.33
1986	56.70	58.63	56.88	54.63	54.06	54.78	56.98	59.25	59.68	58.50	57.44	58.56	57.17
1987	61.47	64.10	65.25	67.93									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 2*					Dollars Per Hundredweight								
300-400 lbs.													
1980	85.90	91.25	78.88	71.85	69.56	72.38	70.55	74.12	72.88	69.50	68.12	67.12	74.34
1981	67.72	70.88	67.75	69.85	62.62	61.38	56.45	59.38	59.70	58.75	56.38	55.97	62.19
1982	55.19	57.25	60.90	60.13	60.06	56.50	56.81	58.94	57.05	54.00	54.00	54.88	57.15
1983	60.50	64.19	67.90	66.00	64.31	61.05	57.10	54.15	54.69	54.75	56.50	57.34	59.87
1984	57.81	61.55	61.82	62.25	59.45	58.06	57.06	58.20	57.00	57.90	58.87	55.92	58.82
1985	60.25	64.25	66.94	67.31	65.95	63.13	59.00	61.88	60.06	60.95	61.75	59.50	62.58
1986	60.90	63.56	63.25	61.10	58.69	59.25	61.60	64.25	65.38	63.30	60.88	60.75	61.91
1987	67.38	72.75	74.75	78.00									
400-500 lbs.													
1980	77.95	84.62	75.12	68.20	66.88	67.62	66.20	69.38	67.75	66.20	65.00	64.81	69.98
1981	64.50	64.69	63.69	66.00	59.06	59.19	54.70	55.81	56.30	55.38	54.38	52.53	58.85
1982	53.25	54.94	58.05	58.81	59.16	56.53	56.22	57.97	55.55	53.81	53.06	53.69	55.92
1983	57.69	60.94	65.20	64.38	61.94	58.80	54.56	51.85	52.94	53.12	54.35	55.50	57.60
1984	56.38	60.05	59.62	59.69	57.65	55.38	55.00	56.25	54.75	55.85	55.62	54.75	56.75
1985	57.50	61.50	63.63	63.56	62.90	61.56	56.85	58.75	57.88	58.00	59.75	56.42	59.86
1986	58.40	61.25	59.63	57.40	56.25	56.19	57.60	59.31	61.63	59.20	58.63	58.00	58.62
1987	62.81	67.25	68.75	71.30									
500-600 lbs.													
1980	72.85	77.25	68.75	63.35	60.62	63.47	64.15	65.56	65.56	62.90	62.12	61.38	65.66
1981	61.62	62.69	60.44	63.10	56.12	54.50	53.78	54.81	55.00	53.69	53.13	50.85	56.64
1982	51.17	54.38	56.20	57.69	58.06	55.90	56.19	57.31	55.00	53.25	52.06	53.62	55.07
1983	56.81	58.00	61.70	60.12	58.88	56.87	53.56	50.80	49.94	51.62	53.15	54.59	55.50
1984	55.25	58.10	58.25	57.44	55.60	53.75	53.88	55.18	54.50	54.40	55.06	53.58	55.42
1985	57.10	58.63	59.56	57.75	60.00	58.25	54.25	55.69	54.38	55.20	55.63	54.25	56.72
1986	54.90	57.13	55.75	53.65	52.75	52.81	54.45	56.44	58.69	56.00	55.19	55.92	55.31
1987	57.63	60.94	63.19	66.35									
600-700 lbs.													
1980	67.70	71.33	62.67	57.50	55.88	58.12	61.60	63.38	62.31	60.90	61.50	58.38	61.77
1981	59.00	60.19	56.50	59.10	52.88	53.40	51.90	52.88	54.50	52.19	51.00	50.50	54.50
1982	50.13	53.25	54.60	55.94	54.81	55.10	55.62	57.00	55.15	52.25	52.00	53.33	54.10
1983	53.88	55.56	58.10	56.81	55.44	55.06	52.25	50.40	48.25	51.00	51.60	53.59	53.50
1984	53.62	56.70	55.94	55.88	53.50	51.94	52.81	53.69	53.50	52.90	54.18	53.83	54.04
1985	55.60	57.50	57.88	55.00	57.13	54.50	52.08	52.88	50.88	52.85	53.00	52.00	54.28
1986	52.50	53.50	52.94	50.25	49.00	49.94	51.35	54.25	55.25	52.90	52.63	54.33	52.40
1987	55.94	59.13	58.75	62.10									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 1*					Dollars Per Hundredweight								
300-400 lbs.													
1980	77.20	84.94	76.44	70.30	68.31	69.88	68.55	68.62	65.81	63.80	63.06	61.94	69.90
1981	61.75	63.25	63.06	65.20	59.94	56.69	53.10	54.88	54.35	52.19	51.97	50.56	57.25
1982	50.00	52.25	55.45	56.19	56.31	53.95	53.00	56.06	53.75	51.00	49.25	49.44	53.06
1983	55.12	59.81	63.40	62.32	62.06	58.90	54.12	49.35	49.12	49.69	53.10	52.34	55.78
1984	52.94	57.65	57.62	57.12	54.50	52.00	51.62	53.65	50.88	51.48	51.81	50.58	53.49
1985	55.25	57.63	60.00	60.88	60.05	57.63	54.25	56.19	53.56	54.35	56.19	54.00	56.67
1986	55.00	58.19	58.44	56.35	54.13	55.12	56.15	59.25	60.50	58.35	57.63	56.88	57.17
1987	60.56	67.60	70.38	74.65									
400-500 lbs.													
1980	73.50	79.69	71.28	65.45	63.38	65.22	64.50	65.38	63.94	62.40	60.06	59.81	66.22
1981	58.88	60.88	59.56	61.53	56.44	54.62	52.20	52.81	52.95	50.62	50.12	48.63	54.94
1982	48.81	50.44	53.53	54.44	54.63	53.55	52.81	55.00	53.60	50.00	48.75	49.12	52.06
1983	54.47	58.44	61.18	60.69	59.62	57.47	52.50	47.95	48.19	48.69	51.25	51.00	54.29
1984	52.00	56.20	55.81	55.12	53.30	50.31	50.62	51.95	50.50	50.30	50.62	50.75	52.29
1985	54.40	57.13	58.13	59.56	58.75	56.69	53.55	54.88	52.36	52.68	54.31	52.75	55.43
1986	53.30	55.81	56.56	53.80	51.81	52.70	54.10	56.00	57.94	56.55	55.13	54.88	54.88
1987	58.56	65.25	65.81	70.05									
500-600 lbs.													
1980	69.40	72.94	67.31	60.45	59.25	61.44	61.95	62.56	61.12	61.15	58.88	57.19	62.80
1981	57.75	58.50	56.44	58.30	54.25	53.38	51.65	52.00	51.55	49.75	49.03	47.25	53.32
1982	47.88	49.75	52.10	52.69	53.81	52.67	52.34	54.75	53.20	49.88	48.94	49.00	51.42
1983	53.31	55.75	59.05	58.88	56.94	55.60	50.81	46.83	46.28	47.72	49.45	50.42	52.59
1984	51.12	54.20	54.06	53.19	50.70	49.85	50.69	51.25	50.06	50.00	50.75	50.93	51.40
1985	53.80	55.63	56.38	57.69	56.55	54.56	51.15	52.94	50.31	50.95	52.06	50.83	53.87
1986	51.05	52.88	52.94	50.55	49.93	50.10	52.50	54.88	56.19	53.40	52.69	53.19	52.53
1987	56.75	61.00	62.19	66.00									
600-700 lbs.													
1980	64.80	67.88	62.62	57.03	55.94	58.44	59.40	59.94	59.75	59.20	56.12	52.81	59.49
1981	56.50	55.38	54.06	56.20	51.88	51.78	50.35	51.91	50.60	48.38	47.84	46.00	51.74
1982	47.06	48.44	50.25	51.56	53.10	51.90	51.94	54.12	52.35	49.06	48.62	48.54	50.58
1983	51.12	53.94	57.10	55.94	54.50	52.50	49.50	45.65	44.22	45.19	46.65	48.75	50.42
1984	50.60	53.25	53.10	51.75	48.95	48.31	49.69	50.50	49.50	49.85	50.00	50.50	50.50
1985	53.15	55.13	54.69	54.17	54.25	52.58	48.90	50.28	48.56	48.88	48.88	49.58	51.59
1986	49.60	51.13	49.50	46.95	46.94	47.66	51.03	53.25	53.66	51.75	51.06	51.58	50.34
1987	53.56	59.25	59.13	61.95									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 2*					Dollars Per Hundredweight								
300-400 lbs.													
1980	68.90	76.69	68.00	63.35	61.19	62.06	60.10	61.44	58.06	57.30	55.38	55.81	62.36
1981	55.56	57.12	57.12	59.15	52.31	51.78	47.35	48.88	47.90	46.31	46.69	45.25	51.33
1982	44.31	46.25	49.25	49.50	50.94	48.60	47.75	49.91	47.75	45.19	43.50	43.75	47.23
1983	49.06	53.13	56.50	55.50	55.88	53.50	48.12	42.60	42.25	43.06	46.15	47.34	49.42
1984	46.44	49.20	50.50	49.88	48.30	46.38	45.00	46.90	43.94	44.50	44.43	44.58	46.67
1985	48.70	50.94	53.44	55.06	54.70	52.69	48.85	50.25	47.81	48.08	49.75	48.17	50.70
1986	48.60	50.25	53.25	50.80	48.25	49.06	49.95	52.50	53.25	52.35	50.69	50.38	50.78
1987	55.25	60.00	62.88	66.60									
400-500 lbs.													
1980	65.75	73.19	63.19	57.50	56.50	58.88	56.05	57.25	56.00	55.40	53.38	54.25	58.94
1981	53.19	54.84	54.44	55.45	50.06	49.25	47.10	47.38	47.28	45.50	44.88	43.38	49.39
1982	43.94	45.25	47.35	48.25	49.13	48.40	47.94	48.81	47.40	44.44	43.12	43.62	46.47
1983	47.75	51.56	55.20	53.62	53.81	51.35	47.00	41.60	41.94	42.19	44.35	45.92	48.02
1984	46.62	48.70	48.75	48.44	47.85	44.38	44.56	45.60	43.88	44.15	44.06	44.17	45.93
1985	48.25	51.13	51.94	53.69	53.45	51.00	48.00	49.50	47.12	46.95	48.94	46.83	49.73
1986	46.73	49.13	50.38	48.55	46.63	47.50	48.90	50.13	51.25	50.55	49.00	48.94	48.97
1987	52.88	58.50	59.63	62.90									
500-600 lbs.													
1980	62.70	66.56	58.62	52.65	52.19	55.12	54.55	56.19	54.00	54.60	51.06	50.92	55.76
1981	51.62	53.78	49.68	53.30	48.25	48.38	46.05	46.88	46.75	44.00	42.88	41.75	47.95
1982	43.50	44.50	45.60	46.56	47.85	47.50	47.56	48.50	46.90	44.12	42.62	42.81	45.67
1983	46.44	50.06	53.30	52.31	51.75	50.55	45.44	40.80	40.50	40.81	42.70	44.17	46.57
1984	44.62	47.50	47.75	47.19	46.25	43.62	43.88	44.73	43.56	43.40	44.06	43.75	45.02
1985	47.45	49.25	51.31	52.31	52.40	49.75	46.60	48.13	45.69	45.45	46.75	45.00	48.34
1986	46.00	48.63	47.94	46.00	44.44	45.62	47.56	49.13	50.06	48.30	47.13	47.75	47.38
1987	51.13	55.06	56.38	59.00									
600-700 lbs.													
1980	57.50			48.34	48.17	53.25	51.00	54.00	51.69	52.25	50.00	49.12	51.53
1981	50.12	51.88	48.25	50.50		47.00	44.66	46.06	45.70	43.31	42.67	42.42	46.60
1982	42.50	44.50	44.69	45.56	47.00	47.65	47.06	48.25	46.70	43.50	42.67	42.33	45.48
1983	45.50	47.50	52.40	51.67	48.50	47.10	43.94	40.60	39.38	40.00	42.25	43.17	41.52
1984	43.75	46.75	47.25	45.67	44.62	42.25	43.82	45.00	43.69	43.40	43.87	43.83	44.49
1985	46.50	48.63	49.88	49.75	51.50	48.00	44.40	46.00	43.13	44.40	44.75	44.33	46.77
1986	43.63	47.96	45.33	42.60	41.17	42.00	46.69	47.06	48.00	45.35	45.31	45.00	45.01
1987	50.13	53.50	53.88	56.70									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

UTILITY COW PRICES: SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1980	50.28	52.88	49.40	46.90	44.06	44.19	43.45	45.06	44.44	44.88	43.97	43.66	46.10
1981	42.09	45.10	43.78	44.02	42.25	42.84	42.30	42.62	41.04	39.12	39.06	37.16	41.76
1982	38.31	39.54	40.03	40.88	41.63	41.42	40.62	40.67	39.40	38.69	37.12	37.25	39.63
1983	37.69	40.44	41.75	42.19	42.62	41.55	39.34	37.13	36.44	35.38	34.05	33.50	38.51
1984	34.38	38.95	42.13	41.97	40.43	39.50	38.38	38.75	35.94	35.65	34.75	34.71	37.96
1985	39.50	40.00	40.50	40.19	40.60	38.78	36.40	36.19	34.25	33.05	33.25	34.83	37.30
1986	34.60	36.94	36.47	33.25	34.94	36.72	34.88	34.66	36.10	35.88	35.28	34.94	35.39
1987	39.47	41.06	42.50	43.90									

FEEDER PIGS: MARKETINGS AND PRICES AT ORGANIZED FEEDER PIG SALES, 1980-86

Year	Number Marketed	Average Weight	Average Price Per Cwt.	Average Price Per Head
		Lbs.	Dollars	Dollars
1980	853,739	46	55.76	25.84
1981	665,304	46	73.79	33.96
1982	609,841	45	113.25	51.05
1983	622,238	46	71.79	32.72
1984	584,554	47	80.42	37.44
1985	525,282	47	79.05	37.29
1986	532,764	47	97.07	45.21

FEEDER PIG PRICES: ALL WEIGHTS AND GRADES, TENNESSEE ORGANIZED FEEDER PIG SALES, 1980-87 (AVERAGE WEIGHT 45-50 LBS)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Hundredweight							
1980	46.54	57.17	54.11	43.11	38.51	44.31	51.82	68.50	68.93	71.09	65.77	63.14	55.76
1981	55.42	73.51	72.97	77.25	73.17	81.23	72.85	85.32	85.75	76.54	68.15	59.83	73.79
1982	70.09	88.31	109.77	118.14	123.14	111.11	121.59	137.35	136.80	112.87	102.82	104.23	113.25
1983	110.08	119.59	114.07	94.24	73.56	55.35	46.17	52.82	46.02	44.13	49.68	57.36	71.79
1984	66.99	83.43	100.21	101.82	86.09	80.22	74.74	74.58	76.83	71.95	72.15	75.78	80.42
1985	81.38	87.45	97.65	90.18	80.60	81.06	73.20	75.55	70.08	77.00	68.77	66.53	79.05
1986	66.64	78.05	88.99	80.30	85.24	85.57	107.63	121.85	122.57	111.04	104.33	100.13	97.07
1987	91.96	111.78	117.84										

FEEDER PIGS: NUMBER MARKETED THROUGH ORGANIZED SALES, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Number Marketed						
1980	69,892	49,444	62,805	73,994	83,188	76,713	78,910	65,433	75,178	84,679	66,787	66,716
1981	52,607	41,007	53,926	71,190	61,675	72,953	54,685	47,367	55,255	59,037	48,132	47,470
1982	35,343	35,031	48,288	55,021	55,286	52,336	48,240	57,579	60,008	55,809	56,356	50,443
1983	48,222	40,489	55,649	57,281	66,221	60,178	41,244	48,875	56,294	51,816	50,883	45,086
1984	45,345	33,895	43,160	55,952	60,768	50,247	47,730	51,169	45,840	57,498	56,667	36,283
1985	39,032	32,194	39,741	50,167	50,925	47,540	41,311	39,346	46,530	54,635	42,276	41,485
1986	34,566	31,312	40,023	44,335	51,120	46,890	51,200	41,940	52,719	50,420	41,419	46,820
1987	37,168	35,945	48,446									

SOW PRICES: U.S. 1-2 300-400 LBS., SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Hundredweight							
1980	27.20	30.44	29.25	23.40	23.28	26.91	34.93	39.62	39.50	41.30	38.88	37.19	32.66
1981	36.25	36.81	34.00	34.50	34.00	38.44	42.92	43.31	43.85	40.89	38.72	34.25	38.16
1982	36.81	39.13	43.27	47.38	50.75	47.99	50.58	51.75	53.38	52.65	47.38	45.75	47.24
1983	45.13	51.14	48.47	43.53	39.75	34.95	31.25	34.70	36.10	34.46	30.78	33.67	38.66
1984	40.78	41.82	39.94	40.75	41.15	39.18	41.81	40.50	38.74	36.87	37.69	37.33	39.71
1985	39.09	41.75	38.35	35.19	34.78	34.13	33.58	32.81	31.44	32.78	33.65	33.04	35.05
1986	32.81	34.53	32.44	33.12	33.90	37.11	45.83	52.57	51.11	45.97	45.13	40.66	40.43
1987	40.60	41.30	38.04	42.50									

BARROW AND GILT PRICES: U.S. 1-3 210-240 LBS., SELECTED TENNESSEE AUCTIONS, 1980-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Hundredweight							
1980	36.50	36.63	33.03	27.75	29.06	34.81	42.55	47.62	45.66	46.62	45.72	43.69	39.14
1981	40.53	41.45	38.22	38.27	41.10	48.56	50.35	50.09	48.93	44.00	42.09	40.54	43.66
1982	44.35	48.49	48.50	51.12	57.37	58.90	59.34	62.22	61.88	54.81	51.78	53.33	54.34
1983	55.10	56.29	49.33	45.24	45.83	45.27	44.88	47.90	43.97	39.81	37.56	44.42	46.30
1984	48.63	45.48	45.72	47.31	47.53	48.83	53.50	52.38	45.44	43.33	48.25	48.00	47.87
1985	48.95	48.53	42.72	41.01	41.48	46.52	47.51	43.64	40.50	42.92	43.38	46.34	44.46
1986	45.73	43.41	40.50	40.11	45.86	52.58	60.40	62.33	58.10	52.15	52.39	50.43	50.33
1987	46.44	47.60	46.71	50.50									

MEAT PRODUCTION

NUMBER OF LIVESTOCK SLAUGHTERING ESTABLISHMENTS: TENNESSEE, JANUARY 1, 1980-87

Year	Under Federal Inspection	Custom Plants	Total
1980	81	54	135
1981	79	76	155
1982	79	80	159
1983	79	78	157
1984	80	79	159
1985	70	63	133
1986	69	61	130
1987	67	61	128

RED MEAT PRODUCTION: BY MONTHS, TENNESSEE, 1980-86[1]

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total[2]
						MILLION POUNDS							
1980	56.2	52.0	54.1	58.0	57.0	52.5	52.7	52.0	58.5	62.9	58.0	59.8	673.8
1981	58.4	51.8	57.8	58.8	50.0	50.7	52.0	49.0	50.1	60.0	59.5	64.2	667.2
1982[3]			162.8			151.0			125.4			126.7	565.9
1983	39.3	35.5	42.2	39.3	39.6	41.4	38.1	44.0	50.7	58.1	61.4	58.5	546.3
1984	50.4	52.0	56.7	56.0	56.6	53.0	49.2	55.7	52.1	63.6	59.8	55.1	660.2
1985	58.4	50.6	55.9	57.3	56.9	51.4	55.2	55.8	55.7	62.4	56.9	54.4	670.8
1986	56.7	47.9	52.8	58.8	58.1	45.4	39.7	40.5	44.2	47.2	40.1	43.6	575.0

[1]Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.
[2]Totals may not add due to rounding.
[3]Only quarterly estimates were made for 1982.

LIVESTOCK SLAUGHTER: TENNESSEE, BY MONTHS, 1982-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						1,000 Head							
						CATTLE							
1982[2]	22.3	21.5	24.9		72.5			87.0			96.9		325.1
1983	27.3	22.4	25.4	23.2	22.8	24.0	23.7	30.5	31.6	34.4	31.5	27.7	324.5
1984	26.7	24.0	25.5	24.8	25.2	24.8	25.8	28.3	26.4	33.3	30.9	25.5	321.2
1985	25.3	22.0	24.2	22.9	22.1	19.8	21.8	22.7	21.4	25.8	21.9	21.3	271.3
1986	21.6	17.1	17.9	20.7	23.3	20.4	24.5	26.8	26.2	28.9	24.3	24.6	276.4
						CALVES							
1982[2]	2.9	2.2	2.2		6.9			11.4			9.9		35.5
1983	2.4	1.8	2.9	2.8	2.8	3.0	3.4	3.7	4.5	3.8	3.7	4.2	39.0
1984[3]													
1985[3]													
1986[3]													
						HOGS							
1982[2]	236	209	248		603			429			409		2,133
1983	131	114	151	142	142	152	137	156	188	223	244	241	2,019
1984	193	212	244	235	234	215	195	222	206	251	231	214	2,652
1985	230	203	226	236	237	207	225	227	234	256	232	223	2,737
1986	234	203	229	252	241	184	146	144	163	173	144	160	2,270
						SHEEP							
1982[2]	—	—	.2		.2			.3			.1		.9
1983	—	—	.4	.1	.1	.1	.5	.1	.1	.1	—	.1	1.6
1984	—	—	—	.1	.1	.1	.6	.1	—	.1	—	—	1.1
1985	—	—	—	—	—	—	.5	—	—	.1	—	—	.8
1986	—	—	—	.1	—	.1	.4	.1	.3	.3	.2	.1	1.6
						CATTLE (MILLION POUNDS) LIVE WEIGHT							
1982[2]	21.1	20.8	23.8		68.5			80.6			89.4		304.2
1983	26.4	22.5	24.9	22.4	22.2	22.9	22.6	28.3	29.0	31.1	29.1	25.9	307.3
1984	26.6	24.2	23.6	23.1	24.1	23.3	24.3	26.4	24.7	30.2	28.2	24.7	303.3
1985	25.3	22.1	23.9	21.9	21.3	19.4	21.4	22.6	20.9	24.8	21.2	20.4	265.5
1986	21.3	17.2	18.0	21.2	23.1	20.1	23.2	25.5	25.3	27.1	23.4	24.1	269.5
						CALVES (1,000 POUNDS) LIVE WEIGHT							
1982[2]	526	445	507		1,547			1,989			1,985		7,012
1983	527	376	944	977	939	1,002	987	795	887	975	952	972	10,333
1984[3]													
1985[3]													
1986[3]													
						HOGS (MILLION POUNDS) LIVE WEIGHT							
1982[2]	62.7	54.6	64.1		161.9			119.3			114.9		577.4
1983	36.9	31.7	41.1	38.9	39.1	41.3	37.0	41.5	51.2	59.9	66.3	63.5	548.3
1984	52.3	56.6	62.6	62.3	62.2	57.9	52.5	59.8	56.1	68.4	64.9	61.0	716.7
1985	64.0	55.4	61.3	64.5	64.7	58.2	62.2	62.2	63.2	70.4	65.3	61.9	753.2
1981	65.1	55.6	61.5	67.3	65.0	49.3	39.4	39.2	44.1	47.2	40.1	44.8	618.8
						SHEEP (1,000 POUNDS) LIVE WEIGHT							
1982[2]	—	—	17		12			29			8		71
1983	—	—	19	3	12	19	57	13	10	13	—	—	157
1984	—	—	—	8	5	8	65	13	—	7	—	—	124
1985	—	—	—	—	—	—	48	—	—	6	—	—	83
1986				6		6	45	11	30	32	20	13	175

[1]Months may not add to totals due to rounding. [2]During 1982, quarterly estimates were published for April-June, July-September and October-December. [3]Data not published to avoid disclosing individual operations.

DAIRY

Tennessee milk production in 1986 was over 2 billion pounds for the twelfth consecutive year. Production totaled 2.221 billion pounds compared with 2.235 billion pounds in 1985 and a five year average of 2.253 billion pounds. Average production per cow in 1986 amounted to 10,729 pounds, up 107 pounds from 1985.

The number of milk cows on Tennessee farms averaged 207,000 in 1986 compared with 210,000 a year earlier. The number of milk replacement heifers on hand January 1, 1987 totaled 85,000 head, down 15 percent from the previous year. The ratio of milk replacement heifers to milk cows on January 1, 1987 was 41.9 heifers per 100 dairy cows compared with 47.6 a year earlier and the record high ratio of 51.2 on January 1, 1982.

The number of milk cow farms declined to 6,400 during 1986, the lowest on record. The number of farms licensed to sell milk also declined and now totals 2,940 compared with 3,287 farms a year earlier. Grade A producers account for 63 percent of the total farms licensed to sell milk.

Cash receipts from the combined marketings of milk and cream in 1986 were $274,596,000, down 3 percent from 1985. Producer returns averaged $13.16 per hundredweight, down from $13.54 in 1985. Marketing at 2.09 billion pounds were up slightly from the previous year.

Total productions of manufactured dairy products in Tennessee during 1986 was up 5 percent from 1985.

Production of ice cream, ice cream mix and milk sherbet mix were up from last year while production of sherbet, ice milk and ice milk mix declined. Production data for butter and American cheese cannot be published to avoid disclosing individual operations.

MILK COWS: NUMBER ON FARMS, TENNESSEE, BY MONTHS, 1980-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.
						1,000 Head							
1980	214	214	213	213	213	213	213	214	214	214	215	215	214
1981	215	215	213	213	213	213	213	214	214	214	214	214	214
1982	215	215	215	215	215	215	217	217	217	217	217	217	216
1983	217	217	217	215	215	214	214	214	214	214	214	214	215
1984	212	209	208	208	208	208	208	208	208	208	208	208	208
1985	210	210	210	210	210	210	210	210	210	210	210	210	210
1986	210	210	210	208	208	208	206	206	203	203	203	203	207

AVERAGE MILK PRODUCTION PER COW: TENNESSEE, BY MONTHS, 1980-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Pounds							
1980	800	800	880	960	1,000	940	880	870	860	880	810	820	10,472
1981	810	790	910	980	990	940	930	920	890	900	830	870	10,748
1982	850	790	890	955	1,025	965	895	910	900	900	850	855	10,769
1983	850	800	900	950	970	900	870	860	840	870	820	840	10,465
1984	820	790	870	950	960	860	840	860	850	865	820	830	10,346
1985	820	770	880	960	980	920	920	900	880	920	840	850	10,643
1986	850	790	890	980	990	930	910	910	890	900	850	860	10,750

TOTAL MILK PRODUCED ON FARMS: TENNESSEE, BY MONTHS, 1980-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Million Pounds							
1980	171	171	187	204	213	200	187	186	184	188	174	176	2,241
1981	174	170	194	209	211	200	198	197	190	193	178	186	2,300
1982	183	170	191	205	220	207	194	197	195	195	184	185	2,326
1983	184	174	195	204	209	193	186	184	180	186	175	180	2,250
1984	174	165	181	198	200	179	175	179	177	180	171	173	2,152
1985	172	162	185	202	206	193	193	189	185	193	176	179	2,235
1986	179	166	187	204	206	193	187	187	181	183	173	175	2,221

MILK PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1980-86

Year	Milk Cows and Production of Milk and Milkfat on Farms: No. of Milk Cows on Farms Thousands	Production Per Milk Cow: Milk Pounds	Production Per Milk Cow: Milkfat Pounds	Percentage Fat in Milk	Milk Used by Farmers On Farms Where Produced: Total Production on Farms: Milk Million Pounds	Total Production on Farms: Milkfat Million Pounds	Fed to Calves Million Pounds	Used for Milk Cream & Butter Million Pounds	Total Million Pounds
1980	214	10,472	390	3.72	2,241	83	40	45	85
1981	214	10,748	399	3.71	2,300	85	40	44	84
1982	216	10,769	393	3.65	2,326	85	44	46	90
1983	215	10,465	386	3.69	2,250	83	41	43	84
1984	208	10,346	383	3.70	2,152	80	110	35	145
1985	210	10,643	392	3.68	2,235	82	118	35	153
1986	207	10,729	397	3.70	2,221	82	104	30	134

Year	Milk Marketed by Farmers: Sold to Plants and Dealers As Whole Milk Million Pounds	Directly to Consumers Million Pounds	Milk Sold to Plants and Dealers: Total Million Pounds	Quantity Million Pounds	Price Per 100 lbs. Dollars	Cash Receipts Thous. Dol.
1980	2,150	6	2,156	2,150	13.30	285,950
1981	2,210	6	2,216	2,210	13.90	307,190
1982	2,230	6	2,236	2,230	13.60	303,280
1983	2,160	6	2,166	2,160	13.60	293,760
1984	2,000	7	2,007	2,000	13.70	274,000
1985	2,075	7	2,082	2,075	13.50	280,125
1986	2,080	7	2,087	2,080	13.10	272,480

Year	Milk Sold Directly to Consumers: Quantity Mil. Qts.	Price Per Quart Cents	Cash Receipts Thous. Dol.	Combined Marketings of Milk and Cream: Milk Utilized Mil. lbs.	Average Returns: Per 100 lbs. of Milk Dollars	Per lb. of Milkfat Dollars	Cash Receipts From Marketings Thous. Dollars
1980	3	47.0	1,312	2,156	13.32	3.58	287,262
1981	3	48.0	1,340	2,216	13.92	3.75	308,530
1982	3	48.0	1,340	2,236	13.62	3.73	304,620
1983	3	54.0	1,507	2,166	13.63	3.69	295,267
1984	3	57.0	1,856	2,007	13.74	3.71	275,856
1985	3	53.0	1,726	2,082	13.54	3.68	281,851
1986	3	65.0	2,116	2,087	13.16	3.56	274,596

Year	Used for Milk, Cream and Butter on Farms Where Produced: Milk Utilized Mil. lbs.	Value Thous. Dollars	Gross Farm Income From Dairy Products Thousand Dollars	Farm Value of All Milk Produced Thousand Dollars
1980	45	5,994	293,256	298,501
1981	44	6,125	314,655	320,160
1982	46	6,265	310,885	316,801
1983	43	5,862	301,129	306,718
1984	35	4,811	280,666	295,786
1985	35	4,738	286,589	302,563
1986	30	3,947	278,544	292,227

MILK FAT TEST: TENNESSEE, BY MONTHS, 1980-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Percent						
All Milk												
1980	3.86	3.90	3.82	3.67	3.57	3.55	3.55	3.52	3.59	3.79	3.89	3.92
1981	3.94	3.91	3.78	3.64	3.61	3.56	3.51	3.52	3.60	3.72	3.81	3.86
1982	3.87	3.80	3.73	3.59	3.55	3.52	3.52	3.51	3.58	3.71	3.75	3.84
1983	3.85	3.84	3.70	3.68	3.57	3.55	3.54	3.53	3.56	3.68	3.82	3.93
1984	3.95	3.85	3.77	3.65	3.57	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.55	3.53	3.55	3.63	3.74	3.79	3.87
1986	3.88	3.86	3.76	3.61	3.58	3.54	3.53	3.53	3.64	3.72	3.84	3.91
Fluid												
1980	3.86	3.90	3.82	3.67	3.57	3.55	3.55	3.52	3.59	3.79	3.89	3.93
1981	3.95	3.92	3.78	3.64	3.61	3.56	3.50	3.51	3.59	3.73	3.80	3.87
1982	3.88	3.81	3.74	3.60	3.55	3.53	3.52	3.51	3.58	3.71	3.74	3.84
1983	3.86	3.85	3.70	3.68	3.57	3.56	3.55	3.53	3.56	3.67	3.82	3.93
1984	3.95	3.84	3.77	3.66	3.58	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.56	3.53	3.56	3.63	3.75	3.78	3.87
1986	3.88	3.87	3.77	3.62	3.59	3.56	3.54	3.54	3.64	3.72	3.84	3.91
Manufacturing												
1980	3.85	3.85	3.79	3.69	3.60	3.57	3.53	3.55	3.58	3.78	3.85	3.85
1981	3.89	3.81	3.75	3.63	3.59	3.58	3.57	3.56	3.63	3.68	3.88	3.80
1982	3.84	3.75	3.67	3.56	3.54	3.46	3.50	3.50	3.55	3.69	3.80	3.81
1983	3.80	3.77	3.69	3.67	3.54	3.52	3.51	3.50	3.56	3.72	3.82	3.89
1984	3.90	3.90	3.78	3.61	3.52	3.54	3.52	3.51	3.62	3.68	3.84	3.87
1985	3.81	3.87	3.67	3.56	3.52	3.48	3.50	3.52	3.59	3.66	3.84	3.84
1986	3.89	3.78	3.71	3.51	3.49	3.44	3.48	3.48	3.64	3.76	3.86	3.94

MILK: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-86

DOLLARS PER CWT.

WHOLESALE, ALL

1981	14.60	14.40	14.20	13.70	13.60	13.60	13.60	13.50	13.90	14.00	14.20	14.20	13.90
1982	14.10	13.90	13.80	13.50	13.40	13.20	13.40	13.40	13.50	13.50	13.80	13.90	13.60
1983	14.00	14.00	13.80	13.70	13.30	13.40	13.40	13.40	13.40	13.60	13.80	13.70	13.60
1984	13.90	13.50	13.50	13.00	13.10	13.10	13.10	13.20	13.80	14.40	14.60	14.50	13.70
1985	14.70	14.70	14.00	13.50	13.40	13.10	13.10	12.90	12.70	13.00	13.00	12.90	13.50
1986	13.10	13.00	12.70	12.40	12.80	12.60	12.80	12.90	13.30	13.70	13.90	14.10	13.11

FLUID MARKET

1981	14.80	14.60	14.40	13.90	13.80	13.90	13.90	13.80	14.20	14.30	14.40	14.40	14.20
1982	14.30	14.10	14.00	13.70	13.70	13.50	13.70	13.70	13.80	13.80	14.00	14.10	13.90
1983	14.20	14.20	14.00	14.00	13.60	13.70	13.70	13.70	13.70	13.80	14.00	13.90	13.90
1984	14.10	13.70	13.70	13.20	13.30	13.40	13.30	13.40	14.10	14.60	14.80	14.70	13.90
1985	15.00	14.90	14.20	13.70	13.60	13.40	13.40	13.20	12.90	13.20	13.20	13.10	13.70
1986	13.30	13.20	12.90	12.60	13.00	12.90	13.10	13.20	13.60	14.00	14.10	14.30	13.35

MANUFACTURING GRADE

1981	12.30	12.30	12.30	12.10	12.20	12.10	12.10	12.00	12.00	12.00	12.20	12.20	12.10
1982	12.40	12.20	12.10	12.00	11.80	11.60	11.70	11.70	11.70	11.80	12.00	11.90	11.90
1983	12.10	12.00	11.80	11.70	11.60	11.50	11.50	11.50	11.60	11.80	11.90	12.00	11.70
1984	12.00	11.90	11.90	11.60	11.60	11.50	11.60	11.70	11.90	12.70	12.50	12.40	11.90
1985	11.80	12.50	11.80	11.80	11.50	11.30	11.40	11.00	11.10	11.30	11.50	11.40	11.50
1986	11.40	11.20	11.10	10.70	10.80	10.70	10.70	10.80	11.20	11.40	11.60	11.70	11.11

(Prices estimated quarterly beginning January, 1982)

MILK COWS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						DOLLARS PER HEAD							
1981	1,120	1,130	1,120	1,120	1,120	1,130	1,150	1,130	1,110	1,050	1,070	1,050	1,110
1982[1]	1,060			980			1,030			1,000			1,020
1983	1,000			970			990			900			970
1984	780			790			800			770			785
1985	790			800			810			760			790
1986	750			730			770			740			748

Grain and Other Concentrates: Quantity Fed to Milk Cows and Value, Tennessee, 1985-86

	QUANTITY FED DAILY PER COW				QUANTITY FED ANNUALLY			ANNUAL AVERAGE VALUE OF FEED	
	Jan 1	Apr 1	July 1	Oct 1	Per Cow	Per CWT. of Milk	Total	Per CWT.	Per CWT. of Milk
	Pounds				Pounds		Tons	Dollars	
1985	14.5	14.0	15.0	14.0	4,900	46	515	8.20	3.77
1986	14.5	15.0	14.0	13.5	4,940	46	512	8.02	3.70

TENNESSEE
MILK COWS

January 1, 1987

HEAD

10,000 and over

5,000-9,999

1,000-4,999

Under 1,000

TOP FIVE COUNTIES

1.	GREENE	14,500 head
2.	McMINN	11,500 head
3.	LINCOLN	8,500 head
4.	WASHINGTON	8,400 head
5.	MARSHALL	7,800 head

MILK COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1986-87[1]

District & County	1986 Number	1987 Number	Rank
Dyer	300	300	75*
Lake	[2]	[2]	92
Lauderdale	500	300	75*
Obion	700	700	54*
Shelby	400	300	75*
Tipton	500	400	69*
District 1	2,400	2,000	
Benton	200	100	83
Carroll	1,000	1,000	50*
Chester	300	300	75*
Crockett	[2]	[2]	90
Decatur	[2]	[2]	88
Fayette	1,900	1,700	39
Gibson	1,000	1,100	45*
Hardeman	350	300	72*
Hardin	200	200	81*
Haywood	[2]	[2]	91
Henderson	250	200	81*
Henry	2,600	2,800	24*
McNairy	[2]	[2]	85
Madison	500	400	69*
Weakley	3,000	3,100	22
Other Counties[3]	200	300	
District 2	11,500	11,500	
Cheatham	[2]	[2]	87
Dickson	700	600	61*
Hickman	300	200	75*
Houston	[2]	[2]	95
Humphreys	650	600	61*
Lawrence	6,000	5,800	10
Lewis	150	[2]	86
Montgomery	800	900	52*
Perry	[2]	[2]	84
Robertson	4,300	4,200	15*
Stewart	[2]	[2]	93
Wayne	[2]	[2]	89
Other Counties[3]	100	200	
District 3	13,000	12,500	
Bedford	6,100	6,600	7
Cannon	2,900	3,200	21
Clay	600	300	75*
Davidson	800	700	54*
DeKalb	1,800	1,800	37*
Giles	6,500	6,500	8
Jackson	300	300	72*
Lincoln	9,300	8,500	3
Macon	2,000	1,000	50*
Marshall	8,000	7,800	5
Maury	7,100	5,500	11
Moore	2,100	2,000	35*
Rutherford	7,200	6,800	6
Smith	1,300	1,200	43*
Sumner	3,000	2,800	24*
Trousdale	500	500	65*
Williamson	5,000	4,500	14
Wilson	3,000	3,000	23
District 4	67,500	63,000	
Bledsoe	2,000	2,000	35*
Coffee	4,200	4,200	15*
Cumberland	2,500	2,500	28
Fentress	900	1,100	45*
Franklin	4,300	4,000	19
Grundy	900	900	52*
Marion	600	500	65*
Morgan	600	600	61*
Overton	2,100	2,100	32*
Pickett	300	300	72*
Putnam	2,500	2,300	29*
Scott	400	400	69*
Sequatchie	600	700	54*
Van Buren	1,100	1,100	45*
Warren	5,600	5,300	12
White	5,000	5,000	13
District 5	33,600	33,000	
Anderson	700	700	54*
Blount	2,800	2,800	24*
Bradley	4,400	4,200	15*
Campbell	500	500	65*
Carter	600	700	54*
Claiborne	2,200	2,100	32*
Cocke	3,000	2,800	24*
Grainger	1,650	1,600	40
Greene	15,000	14,500	1
Hamblen	1,800	1,800	37*
Hamilton	1,200	1,200	43*
Hancock	700	700	54*
Hawkins	2,400	2,300	29*
Jefferson	3,700	3,500	20
Johnson	1,200	1,100	45*
Knox	1,600	1,500	41*
Loudon	4,400	4,200	15*
McMinn	11,000	11,500	2
Meigs	1,300	1,500	41*
Monroe	6,100	6,200	9
Polk	2,000	2,000	34
Rhea	1,100	1,100	45*
Roane	700	700	54*
Sevier	650	600	61*
Sullivan	2,300	2,300	29*
Unicoi	[2]	[2]	94
Union	400	500	65*
Washington	8,600	8,400	4
District 6	82,000	81,000	
STATE	210,000	203,000	

[1]1986 Final; 1987 Preliminary.
[2]Not published to avoid disclosing individual operations.
[3]Other Counties include counties combined to avoid disclosing individual operations.
*Tied.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY MONTHS, TENNESSEE, 1985-86

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
	1,000 Gallons												
1985													
Ice Cream Mix	669	659	778	848	870	949	1,077	1,004	827	789	636	596	9,702
Ice Milk Mix	144	145	181	225	253	328	327	325	331	213	156	141	1,769
Milk Sherbet Mix	45	34	50	46	68	65	73	61	43	39	33	33	590
Ice Cream	1,378	1,265	1,520	1,644	1,721	1,893	2,101	1,992	1,607	1,529	1,267	1,202	19,119
Ice Milk[1]	340	360	431	473	546	789	795	807	911	510	346	328	6,636
Milk Sherbet	67	54	77	74	105	102	114	94	67	61	50	53	918
1986													
Ice Cream Mix	600	664	833	879	960	996	1,015	1,165	893	950	742	771	10,468
Ice Milk Mix	156	189	221	250	275	284	294	291	220	227	155	148	2,710
Milk Sherbet Mix	42	37	45	67	59	72	77	60	47	57	41	36	640
Ice Cream	1,203	1,410	1,736	1,816	1,868	1,896	2,434	2,212	1,816	1,730	1,500	1,454	21,075
Ice Milk[1]	340	419	514	564	587	620	672	684	490	501	336	296	6,023
Milk Sherbet	66	45	69	106	78	102	102	78	74	80	59	50	909

[1]Includes hard, soft-serve, and freezer-made milkshake.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1980-86

Year	Total Ice Cream	Sherbet (Milk)	Ice Milk	Ice Cream Mix	Ice Milk Mix	Milk Sherbet Mix
			1,000 Gallons			
1980	18,751	1,141	5,772	9,592	3,000	746
1981	18,095	1,031	5,164	9,236	2,501	670
1982	19,053	899	4,912	9,577	2,293	587
1983	18,633	916	5,413	9,507	2,379	588
1984	19,135	933	5,536	9,823	2,397	601
1985	19,119	918	6,636	9,702	2,769	590
1986	21,075	909	6,023	10,468	2,710	640

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1980-86

Year	Creamery Butter	American Cheese Made From Whole Milk	Cottage Cheese Curd	Cottage Cheese Creamed
		1,000 Pounds		
1980	23,285	21,826	4,439	6,357
1981	26,785	20,834	3,961	6,034
1982	27,329	19,274	5,981	8,896
1983	28,463	21,696	6,768	9,173
1984	[1]	10,613	6,970	9,297
1985	[1]	[1]	7,099	9,625
1986	[1]	[1]	[1]	[1]

[1]Production not shown to avoid disclosing individual operations.

POULTRY

CHICKENS: NUMBER ON FARMS AND VALUE, DECEMBER 1, 1980-86

Year	Number						Value All Chickens	
	Total[1]	Hens	Pullets Laying	Pullets[2]	Pullets[3]	Other Chickens	Per Head Dollars	Total 1,000 Dol.
	1,000 Birds							
1980	5,700	1,700	2,400	910	570	120	1.50	8,550
1981	4,500	2,120	1,580	550	100	150	1.35	6,075
1982	4,700	1,380	2,270	510	400	140	1.45	6,815
1983	3,900	1,560	1,440	380	410	110	1.75	6,825
1984	4,100	1,410	1,790	500	280	120	1.85	7,585
1985	3,300	1,120	1,560	[4]	[4]	[4]	1.85	6,105
1986	3,500	1,000	1,585	265	550	100	1.70	5,950

[1]Excludes commercial broilers. [2]Over 3 months. [3]Under 3 months.
[4]Not published to avoid disclosure of individual operations.

CHICKENS: LOST, SOLD AND VALUE OF SALES, 1980-86

Year[1]	Number Lost	Number Sold	Pounds Sold	Value of Sales[2]
	1,000 Birds		1,000 Lbs.	1,000 Dollars
1980	650	3,050	15,250	1,876
1981	600	2,800	14,000	1,680
1982	500	2,200	11,000	990
1983	500	3,000	15,000	1,575
1984	450	2,350	11,750	1,763
1985	420	2,740	10,960	1,589
1986	375	1,920	7,680	960

[1]Annual estimates cover the period December 1 previous year through November 30 and excludes commercial broilers. [2]Formerly called Cash Income

MARKET EGGS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
	CENTS PER DOZEN												
1981	65.7	63.0	64.0	69.3	59.9	57.5	64.5	68.5	74.5	74.0	76.5	71.0	67.0
1982	75.3	73.7	74.5	67.4	57.4	54.7	55.6	52.0	55.4	59.5	57.6	51.1	62.8
1983	51.5	54.0	56.5	55.9	61.4	59.0	57.0	59.7	63.4	67.9	74.7	66.0	59.1
1984	75.0	91.0	84.0	91.0	71.0	61.0	61.1	60.0	61.3	55.5	64.9	60.5	70.2
1985	49.2	48.5	57.2	51.9	48.8	57.5	50.2	58.9	63.6	65.5	69.9	65.8	56.7
1986	66.7	59.5	70.3	54.9	55.0	48.2	61.6	58.2	66.7	58.5	69.8	[2]	61.1

[1]Marketing year is December 1 previous year through November 30 current year.
[2]Monthly price estimates discontinued.

EGGS: PRODUCTION AND VALUE, TENNESSEE, 1980-86

Year[1]	Average Number of Layers during year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	1,000 Birds	Number	Million	Cents	1,000 Dollars
1980	3,961	243	962	56.5	45,294
1981	3,747	246	922	67.0	51,479
1982	3,649	242	884	63.3	46,631
1983	3,232	254	822	59.6	40,826
1984	2,901	256	744	71.0	44,020
1985	2,948	256	756	56.7	35,721
1986	2,637	251	663	61.1	33,758

[1]Annual estimates cover the period December 1 through November 30.

EGG PRODUCTION: TENNESSEE, BY MONTHS, 1980-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						Million Eggs							
1980	85	78	86	83	81	74	75	75	76	83	80	84	962
1981	85	76	82	77	78	73	73	71	71	77	75	76	922
1982[2]	225			230			214			215			884
1983	71	65	72	69	71	70	71	69	65	65	60	61	822
1984	64	59	62	59	60	59	61	62	63	67	67	69	744
1985	69	59	63	62	63	60	62	62	62	65	60	60	756
1986[2]	172			170			165			156			663

[1]The marketing year covers the period December 1 previous year through November 30. [2]Estimates made on quarterly basis.

HENS AND PULLETS OF LAYING AGE: TENNESSEE, BY MONTHS, 1980-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.[1]
						1,000 Birds							
1980	4,046	4,035	4,108	4,003	3,774	3,638	3,776	3,803	3,965	4,053	4,083	4,025	3,961
1981	3,970	4,010	3,885	3,715	3,716	3,645	3,601	3,576	3,551	3,610	3,660	3,706	3,747
1982[2]	3,835			3,748			3,475			3,538			3,649
1983	3,320	3,331	3,310	3,270	3,253	3,248	3,230	3,260	3,096	2,968	3,018	3,030	3,232
1984	2,988	2,860	2,813	2,811	2,781	2,783	2,846	2,888	2,921	2,983	3,108	3,160	2,901
1985	3,095	3,040	2,950	2,855	2,810	2,860	2,910	2,931	2,951	2,976	2,845	2,746	2,949
1986[2]	2,721			2,746			2,576			2,503			2,637

[1]The marketing year covers the period December 1 previous year through November 30. [2]Estimates made as quarterly averages.

BROILERS: PRODUCTION AND INCOME, TENNESSEE, 1980-86

Year	Birds Produced 1000	Pounds Produced 1000	Price Per Pound Cents	Value of Production 1000 Dollars
1980	66,929	247,637	25.0	61,909
1981	64,521	245,180	27.0	66,199
1982	65,948	263,792	25.0	65,948
1983	61,054	244,216	27.5	67,159
1984	68,567	281,125	31.0	87,149
1985	70,892	290,657	27.5	79,931
1986	82,500	346,500	31.5	109,148

BROILERS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1980-86[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[2]
						CENTS PER POUND							
1980	23.5	23.0	21.5	19.5	22.0	22.5	30.0	32.0	29.0	30.0	28.5	27.5	25.0
1981	27.0	28.0	27.5	25.0	29.0	29.5	29.0	27.0	25.0	23.0	22.0	21.0	27.0
1982	25.5	25.0	25.5	24.0	26.0	27.0	26.5	25.0	25.0	23.5	23.0	23.0	25.0
1983	21.0	25.0	23.0	24.5	26.5	28.5	30.0	31.5	32.0	31.0	33.0	31.0	27.5
1984	36.0	35.5	35.5	32.0	32.0	30.0	31.5	28.5	29.0	27.0	28.0	27.0	31.0
1985	28.0	28.0	27.0	25.5	27.5	29.0	28.0	27.0	27.5	26.0	29.0	26.5	27.5
1986	27.5	26.5	26.0	26.5	31.0	31.0	41.0	40.5	34.0	34.5	32.0	[3]	31.5

[1]Liveweight equivalent price.
[2]Marketing year is December 1 through November 30. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.
[3]Monthly estimates discontinued.

SUMMARY

Tennessee farmers in 1986 endured very unusual weather conditions. Very poor weather conditions from March through July led to poor crop prospects especially in Middle and East Tennessee. Rainfall during this period was 29 percent below normal. Favorable weather arrived in August and remained until November. The combination of seasonal temperatures and slightly above normal precipitation boosted hay, tobacco, and soybean yields. Rainfall overall for the growing season was less than normal.

January: January was characterized by near normal average temperatures. However, precipitation for the month was at a record low. Most areas of the state received only 10-30 percent of the normal five inches of rainfall. Middle Tennessee was the driest and received only 0.6 inches while East received the most at 1.4 inches.

February: The month began with the coldest winter weather of the season with a low of minus six degrees in East Tennessee. The month ended with above normal temperatures up to 80 degrees in West Tennessee. Average temperatures for the month were in the low 40s about four degrees above normal. Statewide precipitation averaged about normal with the Cumberland Plateau receiving 0.5 inches above normal and West receiving 0.8 inches below normal.

March: January's dry weather was repeated this month with the state averaging only half of normal rainfall. Most rainfall fell mid-month allowing tillage to get off to an early start by month's end. Temperatures averaged about one degree above normal.

April: Continued short moisture supplies allowed fieldwork was to progress well ahead of schedule. The corn crop was planted two to three weeks ahead of the normal (5 year average) pace throughout much of the state. All areas of the state received one and a half inches or less except for the West which received 3.3 inches of rainfall, well below the average of near 5 inches for this month. These dry conditions resulted in slow germination and poor stands especially in tobacco beds. A late April freeze killed early planted tomatoes in East Tennessee and inflicted damage to some apple and peach orchards.

May: Dry weather conditions continued until the latter part of the month with the adverse impact primarily to pastures, hay, and tobacco. Soybean planting and tobacco transplanting were delayed in some areas as farmers waited for moisture supplies to replenish. Some winter wheat producers in East and lower Middle Tennessee cut wheat for hay that was originally intended for grain due to little grain in the heads. Late month heavy showers improved moisture supplies, substantially improving pastures and prospects for a good second cutting of alfalfa. The month ended with only East Tennessee receiving below normal precipitation. Temperatures for the month averaged one degree above normal.

June: Early month rainfall delayed not only the tobacco transplanting but the wheat harvest, and consequently the planting of double-cropped soybeans. Mid-month drying conditions finally allowed for excellent wheat and hay harvesting and the final soybean planting was completed on schedule. The west received 5.6 inches of rainfall while the east received only 1.7 inches by the month's end. Other areas of the state received 3.6 inches. Normal state rainfall is 3.9 inches. Temperatures averaged two degrees above normal.

July: Hot, dry conditions caused 90 percent of the soil moisture supplies to be rated as short or very short. The silage harvest began much earlier than normal due to the moisture stress. Corn for grain failed to receive adequate rainfall when silking and tasseling ultimately reducing yields. The very poor pasture conditions led to increased cattle marketings, too. The month ended with the state suffering from temperatures averaging three degrees above normal and receiving only 70 percent of the normal rainfall.

August: Crop and pasture conditions improved by mid-month as showers fell throughout the state. All areas had received above normal precipitation by month's end except for the west which received only two thirds of its normal rainfall. This badly needed moisture boosted hay, tobacco, soybean, and cotton yields. These rains did cause delays in topping and harvesting the tobacco. The corn crop dented and matured slightly over a week earlier than normal. Temperatures for the month averaged one degree cooler than normal.

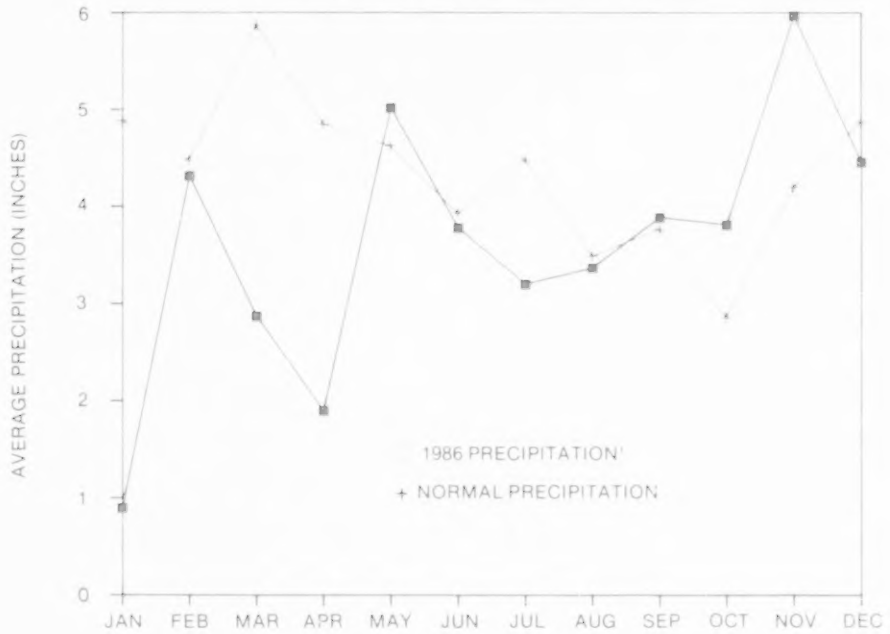
September: Again all areas except for the west received above normal rainfall greatly improving pastures and hay crops. Temperatures averaged above normal by about three degrees. The Burley tobacco harvest was delayed due to the the showers and some fields matured later than normal. Both the corn and sorghum grain harvest progressed rapidly at mid-month. Cotton maturity and the harvest progress continued ahead of schedule.

October: Although the month ended with about one inch above normal precipitation excellent harvesting conditions existed during the first half of the month. This allowed the cotton and corn harvesting progress to be about two weeks ahead of schedule while the soybean harvest remained just slightly ahead of schedule. Excellent weather for stripping Burley tobacco occurred later in the month with temperatures and humidity above normal.

November: Heavy rains improved pastures but repeatedly delayed harvesting progress. At month's end the soybean harvest was 70 percent complete or two weeks behind normal progress. The final corn and cotton harvesting, Burley tobacco stripping, and wheat seeding were about on schedule.

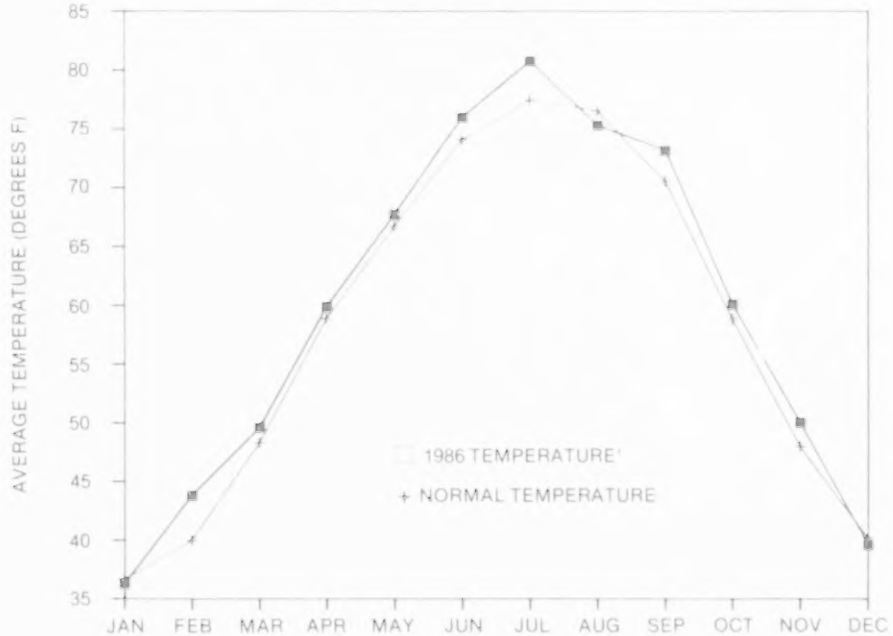
December: Very little harvesting progress was made until late in the month due to persistent rainy weather. During the second week, two to three inches of rain fell over most of the state. Soybean growers had difficulty harvesting the last 20 percent of the soybean crop due to not only the muddy fields but also the humid weather that wouldn't allow the grain moisture content to drop. Thus, another year with weather extremes ended.

TENNESSEE



¹NORMALS BASED ON 1951-1980 DATA

TENNESSEE



¹NORMALS BASED ON 1951-1980 DATA

PROBABILITY OF LAST SPRING FREEZE BY LOCATION[1]

(32 DEGREES F)

Location	PROBABILITY OF 90%	50%	25%
District 1			
Covington	March 15	March 31	April 8
Memphis	March 10	March 25	April 2
Newbern	Feb. 23	April 10	May 5
Samburg	March 14	April 9	April 22
District 2			
Bolivar	March 19	April 11	April 23
Brownsville	March 5	April 15	May 6
Jackson	March 22	April 6	April 14
Martin	March 16	April 10	April 23
Milan	March 13	April 6	April 19
Paris	March 21	April 9	April 19
District 3			
Clarksville	March 16	April 18	May 5
Dickson	March 6	April 5	April 21
Dover	April 2	April 20	April 29
Savannah	March 21	April 17	May 1
Springfield	March 16	April 13	April 27
Waynesboro	April 8	April 25	May 4
District 4			
Ashwood	March 28	April 10	April 17
Carthage	Feb. 28	April 8	April 28
Dale Hollow Dam	March 11	April 18	May 9
Lewisburg	March 24	April 24	May 10
Lynnville	March 29	April 20	May 1
Murfreesboro	March 15	April 12	April 26
Nashville	March 24	April 5	April 11
Palmetto	March 17	April 28	May 20
District 5			
Allardt	April 6	May 6	May 21
Crossville	April 3	April 27	May 10
Monteagle	March 21	April 17	May 2
Tullahoma	March 20	April 13	April 26
District 6			
Chattanooga	March 23	April 5	April 11
Copperhill	March 31	April 18	April 27
Gatlinburg	April 14	May 15	May 31
Kingsport	March 24	April 28	May 17
Knoxville	March 18	April 2	April 10
Loudon	March 19	April 17	May 3
Newport	March 11	April 14	May 2
Oak Ridge	March 7	April 7	April 23
Rogersville	March 25	May 1	May 2

[1]For example, in Covington a 90 percent chance remains for a spring freeze by March 15. Chance of a freeze at this same location decreases to 50 percent by March 31 and to 25 percent by April 8.

PROBABILITY OF FIRST FALL FREEZE BY LOCATION[1]

(32 DEGREES F)

Location	PROBABILITY OF 50%	25%	10%
District 1			
Covington	Oct. 26	Nov. 12	Nov. 26
Memphis	Nov. 6	Nov. 13	Nov. 19
Newbern	Oct. 13	Nov. 6	Nov. 28
Samburg	Oct. 15	Nov. 6	Nov. 25
District 2			
Bolivar	Oct. 11	Oct. 31	Nov. 18
Brownsville	Oct. 8	Nov. 5	Nov. 30
Jackson	Oct. 24	Oct. 31	Nov. 7
Martin	Oct. 15	Nov. 7	Nov. 28
Milan	Oct. 17	Nov. 7	Nov. 26
Paris	Oct. 25	Nov. 1	Nov. 7
District 3			
Clarksville	Oct. 2	Oct. 30	Nov. 24
Dickson	Oct. 24	Oct. 31	Nov. 6
Dover	Oct. 14	Oct. 21	Oct. 27
Savannah	Oct. 20	Nov. 10	Nov. 29
Springfield	Oct. 11	Nov. 5	Nov. 28
Waynesboro	Oct. 11	Oct. 18	Oct. 25
District 4			
Ashwood	Oct. 20	Oct. 31	Nov. 9
Carthage	Oct. 22	Nov. 13	Dec. 2
Dale Hollow Dam	Oct. 16	Nov. 2	Nov. 17
Lewisburg	Oct. 4	Oct. 30	Nov. 22
Lynnville	Oct. 12	Oct. 21	Nov. 3
Murfreesboro	Oct. 13	Nov. 4	Nov. 25
Nashville	Oct. 29	Nov. 5	Nov. 10
Palmetto	Oct. 5	Oct. 31	Nov. 22
District 5			
Allardt	Sept. 19	Oct. 15	Nov. 8
Crossville	Oct. 8	Oct. 27	Nov. 13
Monteagle	Oct. 28	Nov. 8	Nov. 18
Tullahoma	Oct. 20	Nov. 1	Nov. 11
District 6			
Chattanooga	Oct. 30	Nov. 5	Nov. 9
Copperhill	Oct. 14	Oct. 31	Nov. 15
Gatlinburg	Sept. 11	Oct. 13	Nov. 12
Kingsport	Sept. 27	Oct. 26	Nov. 21
Knoxville	Oct. 31	Nov. 12	Nov. 24
Loudon	Oct. 22	Nov. 14	Dec. 5
Newport	Oct. 20	Nov. 13	Dec. 4
Oak Ridge	Oct. 31	Nov. 6	Nov. 11
Rogersville	Oct. 14	Nov. 2	Nov. 19

[1]Extracted from U.S. Department of Commerce, Environmental Sciences Services Administration, National Oceanic and Atmospheric Administration, Asheville, N.C., Climatological Data—Tennessee.

International Trade

INTERNATIONAL TRADE

INTRODUCTION

It is not possible under present methods of statistical measurement to determine what amount of Tennessee's agricultural production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series of data exists.

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October-September). See following page. These estimates are prepared by major commodity groups and in most cases are based on the assumption that, for each commodity, a state contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. In order to keep data manageable, ERS limits exports only to states that account for 90 percent of a given commodity's output. They also assumed that a state would export only if it had an apparent surplus. They further assume that, although this method could eliminate some export states, it's more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for wheat, feed grains, fruits or nuts, and no allowance is made for them in the "other" category.

U.S. AGRICULTURAL EXPORTS DECLINE

U.S. agricultural exports fell 10 percent in value in calendar year 1986 to $26 billion and 9 percent in volume to 108.7 million tons. Rising grain production in importing countries cut overseas demand and U.S. exports. The USSR accounted for the largest drop by cutting its purchases of U.S. grain 11.6 million tons. World grain trade fell in 1986. As world grain and oilseed stocks grew, prices fell, further reducing the value of U.S. agricultural exports. However, high-value exports generally performed better than bulk exports, possibly reflecting overseas response to the weaker dollar.

Sluggish foreign economic growth and, in some cases, exporter competition also helped reduce U.S. exports. Weak domestic demand and poor export earnings reduced effective import demand in many countries, particularly in Mexico and Nigeria. Exporter competition reduced U.S. cotton sales to virtually every customer in 1986. However, competition for oilseed exports waned in 1986, and U.S. exports of soybeans and soybean meal rose.

U.S. exports of *oilseeds and products* climbed 24 percent in volume in 1986 to 29.3 million tons and 11 percent in value to $6.5 billion. Eastern Europe, the USSR, North Africa, Canada, and much of Asia increased their purchases from the United States. In 1985, U.S. oilseed exports contracted sharply as Brazil's production and market share jumped. Drought subsequently cut Brazil's production, and U.S. market share and exports rebounded strongly in 1986. Volume in 1986 approached its 1984 level as soybean exports rose 4.5 million tons and soybean meal exports climbed 1.2 million tons. However, prices were much weaker in 1986 compared with 1984, holding export value of oilseeds and products about $2 billion below the 1984 level.

In 1986, the value of U.S. *grain and feed* exports fell from $11.9 billion to $8.6 billion. Much of this decline stemmed from a 15.9-million-ton decline in export volume, most of which represented lower exports to the USSR.

U.S. *cotton* exports dropped 40 percent to 440,000 tons in 1986 as foreign competitors dominated world cotton trade. Cotton, tobacco, and grains were the only large commodities that fell in 1986. Cotton's $869-million decline in export value was the second largest, well above tobacco's $311-million drop.

AGRICULTURAL EXPORTS: TENNESSEE AND U.S., 1984-86

Commodity	Tennessee			United States		
	1984	1985	1986	1984	1985	1986
	Million Dollars					
Soybeans and Products	145.4	136.1	120.2	7,548.1	5,267.1	5,573.4
Tobacco, unmanufactured	77.4	79.2	73.9	1,432.7	1,587.9	1,317.5
Cotton and Linters	46.7	51.1	21.6	2,405.1	1,966.8	691.9
Wheat and Products	—	—	—	6,783.2	4,525.8	3,546.2
Feed Grains and Products	—	—	—	9,076.0	7,600.6	4,713.9
Live Animals and Meat, Excluding Poultry	11.4	12.4	13.0	1,205.9	1,160.9	1,356.7
Fats, Oils, and Greases	5.6	4.7	3.2	703.2	607.9	476.5
Poultry and Products	1.3	1.1	1.3	412.8	392.8	455.3
Hides and Skins	9.4	9.1	9.0	1,317.8	1,324.6	1,455.5
Cottonseed and Products	2.2	3.9	3.4	112.3	151.7	113.3
Vegetables and Preparations	.6	.9	1.3	998.5	945.8	1,000.1
Dairy Products	6.3	5.7	5.8	393.5	413.2	429.6
Fruits and Preparations	—	—	—	1,270.2	1,200.1	1,237.0
Tree Nuts	—	—	—	371.7	512.0	491.6
Feeds & Fodder	.7	1.2	2.3	550.0	472.8	554.6
Seeds	2.9	3.2	3.3	325.9	352.3	366.4
Other	6.1	6.7	7.0	1,502.6	1,414.0	1,457.0
All Commodities	316.2	315.3	265.3	38,026.8	31,200.8	26,324.7

Source: ERS Foreign Agricultural Trade of the United States—Fiscal year ending September 30.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE, CALENDAR YEARS 1970-86

Year	U.S. Exports				U.S. Imports				Trade Balance		
	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total
	Million Dollars			Percent	Million Dollars			Percent	Million Dollars		
1970	7,259	35,331	42,590	17	5,770	33,986	39,756	15	1,489	1,345	2,834
1971	7,693	35,799	43,492	18	5,823	39,693	45,516	13	1,870	3,894	2,024
1972	9,401	39,558	48,959	19	6,467	48,843	55,310	12	2,934	9,285	6,351
1973	17,680	52,366	70,246	25	8,419	60,605	69,024	12	9,261	8,039	1,222
1974	21,945	75,199	97,144	23	10,221	89,919	100,140	10	11,724	14,720	2,996
1975	21,859	84,702	106,561	21	9,293	87,638	96,931	10	12,566	2,936	9,630
1976	22,978	90,688	113,666	20	10,966	110,486	121,452	9	12,012	19,798	7,786
1977	23,636	95,370	119,006	20	13,438	134,538	147,976	9	10,198	39,168	28,970
1978	29,382	111,744	141,126	21	14,805	158,107	172,912	9	14,577	46,363	31,786
1979	34,749	143,842	178,591	19	16,724	189,126	205,850	8	18,025	45,284	27,259
1980	41,233	175,359	216,592	19	17,366	226,611	243,977	7	23,867	51,252	27,385
1981	43,339	185,622	228,961	19	16,772	242,240	259,012	6	26,567	56,618	30,051
1982	36,627	170,531	207,158	18	15,341	226,999	242,340	6	21,286	56,468	35,182
1983	36,099	159,870	195,969	18	16,530	240,150	256,680	6	19,569	80,280	60,711
1984	37,804	174,253	212,057	18	19,334	303,656	322,990	6	18,470	129,403	110,933
1985	29,041	177,884	206,925	14	19,968	323,584	343,552	6	9,073	145,700	136,627
1986	26,064	180,312	206,376	13	21,051	347,760	368,811	6	5,013	167,448	162,435

Source: Foreign Agricultural Trade of the United States, USDA, ERS.

Other Statistics

CROPS: USUAL PLANTING AND HARVESTING DATES, TENNESSEE

Crop	1986 Harvested Acreage	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Crop Reporting Districts*
			Begin	Most Active	End	
Corn:						
Grain	770,000	Apr. 10-June 10	Sept. 10	Oct. 1-Nov. 5	Dec. 5	Statewide
Silage	130,000	Apr. 10-June 10	Aug. 1	Aug. 20-Sept. 20	Oct. 20	Statewide
Cotton	335,000	Apr. 20-June 1	Sept. 20	Oct. 5-Nov. 1	Dec. 1	1, 2
Hay	1,280,000		May 1		Oct. 1	Statewide
Sorghum:						
Grain	165,000	May 15-July 10	Sept. 10	Oct. 1-Nov. 1	Dec. 1	1, 2, 3, 4
Silage	8,000	May 1-July 15	Aug. 20	Sept. 1-Sept. 30	Oct. 15	1, 2, 3, 4
Soybeans	1,500,000	May 5-July 5	Oct. 5	Oct. 20-Nov. 15	Dec. 10	1, 2, 3, 4
Tobacco:						
Type 22	9,400	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	3, 4
Type 23	730	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	Obion, Henry, Weakley
Type 31	43,000	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	3, 4, 5, 6
Type 35	800	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	2, 3, 4
Wheat, Winter	325,000	Sept.15-Nov. 30	June 10	June 15-July 5	July 15	Statewide
Vegetable Crops:						
Processing						
Snap Beans	5,300	May 1-July 31	June 25	July 1-Sept. 30	Oct. 5	Cumberland Plateau
Fresh Market						
Tomatoes	5,000	Apr. 20-May 25	June 25	July 1-Aug. 31	Oct. 15	1, 5, 6
Irish Potatoes	2,600	Mar. 5-June 30	June 15	June 20-Sept. 15	Sept. 30	1, 4, 5, 6
Sweet Potatoes	900	May 1-June 15	Aug. 20	Sept. 15-Oct. 25	Nov. 10	Statewide
Fruit:						
Apples						
East			July 15	Sept. 1-Oct. 10	Oct 20	5, 6
Middle, West			July 1	Aug. 20-Sept. 30	Oct. 5	1, 2, 3, 4
Peaches			June 20	July 1-Aug. 10	Aug. 15	Statewide

*See State Map

1987 TILLAGE SYSTEMS

The acreage of soybeans, corn and grain sorghum grown in Tennessee under no-till and other conservation tillage systems continued to decline in 1987. The decline in acreage came as no surprise since total acreage for these crops has declined steadily since 1984. However, the proportion of no-till and other conservation tillage was also slightly below last year and well below the 1983-1985 estimates. This drop in proportions is more difficult to explain, but increased participation in Government programs that emphasized removal of highly erodible land from continuous row cropping may be a major contributing factor. Regardless of the reasons, conservation tillage had made up a small percentage of total acreage each year since tillage estimates were started in 1983.

Tennessee land to be double-cropped in 1987 declined by five thousand acres. Less double-cropping of corn and grain sorghum was partially offset by an increase in double-cropping of soybeans.

			TYPE OF TILLAGE SYSTEM USED							
			No-Till[2]		Other Conservation Tillage[3]		Conventional Till[4]		Double Cropped[5]	
Crop	Year	Total Acres Planted	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total
Corn	1983	650,000	90,000	13.8	130,000	20.0	430,000	66.2	40,000	6.2
	1984	850,000	191,000	22.5	126,000	14.8	533,000	62.7	52,000	6.1
	1985	950,000	120,000	12.6	160,000	16.9	670,000	70.5	60,000	6.3
	1986[1]	910,000	100,000	11.0	100,000	11.0	710,000	78.0	40,000	4.4
	1987	730,000	75,000	10.2	80,000	11.0	575,000	78.8	30,000	4.1
Soybeans	1983	2,020,000	330,000	16.3	360,000	17.8	1,330,000	65.9	570,000	28.2
	1984	1,900,000	370,000	19.5	210,000	11.0	1,320,000	69.5	490,000	25.8
	1985	1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7	230,000	15.3
	1986[1]	1,550,000	180,000	11.6	140,000	9.0	1,230,000	79.4	280,000	18.1
	1987	1,300,000	140,000	01.8	120,000	9.2	1,040,000	80.0	290,000	22.3
Sorghum	1983	110,000	9,400	8.6	24,900	22.6	75,700	68.8	8,800	8.0
	1984	280,000	36,500	13.0	35,200	12.6	208,300	74.4	18,700	6.7
	1985	480,000	25,000	5.2	50,000	10.4	405,000	84.4	15,000	3.1
	1986[1]	180,000	10,000	5.5	30,000	16.7	140,000	77.8	10,000	5.6
	1987	90,000	5,000	5.6	17,000	18.9	68,000	75.5	5,000	5.6
TOTAL	1983	2,780,000	429,400	15.5	514,900	18.5	1,835,700	66.0	618,800	22.3
	1984	3,030,000	597,500	19.7	371,200	12.3	2,061,300	68.0	560,700	18.5
	1985	2,930,000	385,000	13.1	350,000	12.0	2,195,000	74.9	305,000	10.4
	1986[1]	2,640,000	290,000	11.0	270,000	10.2	2,080,000	78.8	330,000	12.5
	1987	2,120,000	220,000	10.4	217,000	10.2	1,683,000	79.4	325,000	15.3

[1]Revised.

[2]No-Till—A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of previous crop or the planting of a crop into sod, previous crop stubble or a cover where only the intermediate seed zone is disturbed.

[3]Other Conservation Tillage—Tillage practices prior to planting result in a minimum of 30 percent ground cover of residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge-till, strip-till, and mulch till.

[4]Conventional Till—Systems where 100% of the surface layer is mixed or inverted by plowing, power tiller, or multiple disking.

[5]Double Cropped—Two crops harvested from the same field during one calendar year. Example: Include small grain harvest Spring 1987, followed by soybeans, corn or sorghum.

SOYBEAN DISTRICT ESTIMATES BY TILLAGE PRACTICE

Year	District	Total Acres Planted	No-Till Acres	No-Till % of Total	Other Conservation Till Acres	Other Conservation Till % of Total	Conventional Till Acres	Conventional Till % of Total
1986[2]	1	630,000	35,000	5.6	45,000	7.1	550,000	87.3
	2	585,000	70,000	1.20	50,000	8.5	465,000	79.5
	3	110,000	36,000	32.7	13,000	11.8	61,000	55.5
	4	122,000	21,000	17.2	27,000	22.1	74,000	60.7
	5	78,000	14,000	18.0	3,000	3.8	61,000	78.2
	6	25,000	4,000	16.0	2,000	8.0	19,000	76.0
	State	1,550,000	180,000	11.6	140,000	9.0	1,230,000	79.4
1987[1]	1	510,000	34,000	6.7	35,000	6.9	441,000	86.4
	2	475,000	51,000	10.7	47,000	9.9	377,000	79.4
	3	95,000	23,000	24.2	11,000	11.6	61,000	64.2
	4	120,000	15,000	12.5	23,000	19.2	82,000	68.3
	5	75,000	13,000	17.3	3,000	4.0	59,000	78.7
	6	25,000	4,000	16.0	1,000	4.0	20,000	80.0
	State	1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0

CORN DISTRICT ESTIMATES BY TILLAGE PRACTICE

Year	District	Total Acres Planted	No-Till Acres	No-Till % of Total	Other Conservation Till Acres	Other Conservation Till % of Total	Conventional Till Acres	Conventional Till % of Total
1986[2]	1	100,000	5,000	5.0	6,000	6.0	89,000	89.0
	2	315,000	24,000	7.6	43,000	13.7	248,000	78.7
	3	120,400	16,000	13.3	7,000	5.8	97,000	80.9
	4	145,000	18,000	12.4	17,000	11.7	110,000	75.9
	5	115,000	15,000	13.0	10,000	8.7	90,000	78.3
	6	115,000	22,000	19.1	17,000	14.8	76,000	66.1
	State	910,000	100,000	11.0	100,000	11.0	710,000	78.0
1987[1]	1	80,000	5,000	6.3	6,000	7.5	69,000	86.2
	2	250,000	20,000	8.0	33,000	13.2	197,000	78.8
	3	95,000	10,000	10.5	6,000	6.3	79,000	83.2
	4	115,000	13,000	11.3	13,000	11.3	89,000	77.4
	5	95,000	10,000	10.5	8,000	8.4	77,000	81.1
	6	95,000	17,000	17.9	14,000	14.7	64,000	67.4
	State	730,000	75,000	10.2	80,000	11.0	575,000	78.8

SORGHUM DISTRICT ESTIMATES BY TILLAGE PRACTICE

Year	District	Total Acres Planted	No-Till Acres	No-Till % of Total	Other Conservation Till Acres	Other Conservation Till % of Total	Conventional Till Acres	Conventional Till % of Total
1986[2]	1	59,000	1,500	2.5	9,500	16.1	48,000	81.4
	2	78,000	4,000	5.1	10,000	12.8	64,000	82.1
	3	12,000	1,000	8.3	2,500	20.9	8,500	70.8
	4	18,000	2,000	11.1	4,300	23.9	11,700	65.0
	5	8,300	900	10.9	3,100	37.3	4,300	51.8
	6	4,700	600	12.8	600	12.8	3,500	74.4
	State	180,000	10,000	5.5	30,000	16.7	140,000	77.8
1987[1]	1	29,000	700	2.4	5,000	17.2	23,300	80.4
	2	38,000	2,000	5.3	6,000	15.8	30,000	78.9
	3	6,000	500	8.3	1,500	25.0	4,000	66.7
	4	9,500	1,000	10.5	2,500	26.3	6,000	63.2
	5	4,500	500	11.1	1,400	31.1	2,600	57.8
	6	3,000	300	10.0	600	20.0	2,100	70.0
	State	90,000	5,000	5.6	17,000	18.9	68,000	75.5

[1]Preliminary
[2]Revised

PRICES PAID BY FARMERS FOR SELECTED FEEDS: TENNESSEE, BY MONTHS, 1982-86[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars Per Cwt.						
						BRAN						
1982	9.80	9.20	9.30	9.30	9.10	9.40	9.20	9.20	9.00	9.00	9.10	9.00
1983	9.00	8.90	9.10	9.20	9.00	9.00	9.10	8.90	9.00	9.50	9.10	9.50
1984	10.50	10.00	10.50	10.50	10.00	9.70	9.80	9.70	9.50	9.60	9.60	9.80
1985	9.50	9.60	9.70	9.80	9.50	9.40	9.30	9.10	8.90	8.40	8.50	8.80
1986	8.80	9.00										
						MIDDLINGS						
1982	9.20	9.30	9.50	9.00	8.00	8.90	8.80	8.80	8.70	8.70	8.40	8.80
1983	8.70	8.20	8.80	8.90	8.90	8.60	8.20	8.70	9.00	8.70	9.00	9.50
1984	9.80	10.00	9.90	9.70	9.90	10.00	9.70	9.40	9.60	9.50	9.40	9.50
1985	8.80	9.20	9.30	9.40	8.80	8.90	9.00	8.70	8.30	7.80	7.80	7.80
1986	7.90	8.20										
						COTTONSEED MEAL (41% PROTEIN)						
1982	14.00	13.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.00	11.50	12.00
1983	12.00	12.50	12.50	13.00	13.00	13.00	13.00	14.00	15.50	15.50	15.50	15.50
1984	15.50	15.50	14.00	14.50	15.00	14.50	14.00	14.00	13.50	13.00	12.00	11.50
1985	10.50	10.00	10.00	10.00	9.60	9.30	9.30	9.40	8.80	8.90	9.70	10.00
1986	10.00	10.50										
						SOYBEAN MEAL (44% PROTEIN)						
1982	14.50	14.50	14.00	14.00	14.50	14.50	14.00	13.50	13.50	13.00	13.00	12.50
1983	13.00	13.50	13.50	14.00	14.50	14.00	13.50	15.00	16.00	16.00	16.00	15.50
1984	15.50	15.00	13.50	14.00	14.50	14.50	14.50	14.00	13.50	12.50	11.50	11.00
1985	10.50	11.00	11.00	11.00	10.50	10.00	10.00	9.90	9.90	9.90	10.00	10.50
1986	11.00	11.00										
						HOG FEED (14-18% PROTEIN)						
1982	10.50	9.80	9.90	9.90	10.50	10.00	9.80	9.40	9.90	9.50	9.60	9.40
1983	9.60	9.80	9.90	11.00	10.50	11.00	10.00	11.00	12.00	12.00	11.50	11.00
1984	11.50	11.50	11.50	11.50	11.00	11.00	11.00	10.50	10.00	9.50	9.50	9.30
1985	9.50	9.60	9.70	9.60	9.30	9.60	9.30	9.10	8.90	8.80	8.90	9.20
1986	9.20	9.10										
						Dollars Per Ton						
						MIXED DAIRY FEED (16% PROTEIN)						
1982	188	179	178	178	178	171	174	173	170	167	166	171
1983	171	172	176	186	188	187	185	195	210	210	205	205
1984	205	205	198	200	200	198	186	188	182	173	168	166
1985	172	168	169	166	162	166	163	157	157	153	160	163
1986	170	164										
						LAYING FEED						
1982	186	185	190	191	186	187	181	177	173	174	172	174
1983	176	181	181	210	215	210	196	220	220	215	215	215
1984	215	215	210	215	215	215	205	200	197	185	176	173
1985	175	179	177	176	170	172	171	164	173	168	162	171
1986	183	171										

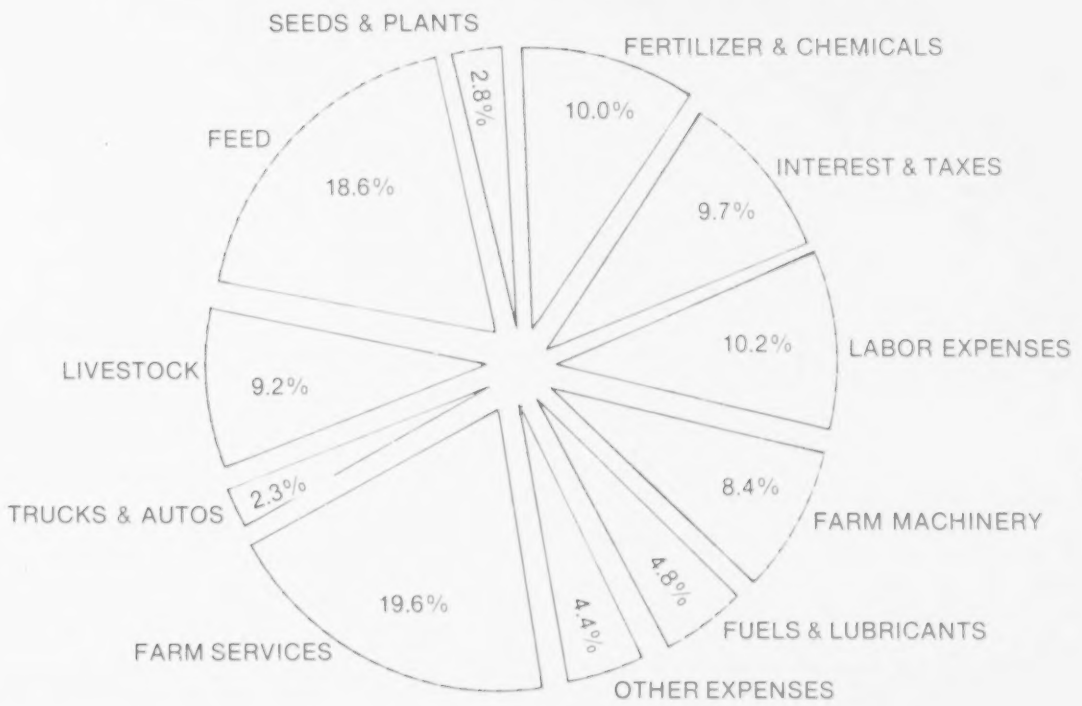
[1]Prices are as of the 15th of the month. State estimates discontinued after Feb. 1986.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION: 1983-86

Commodity and Unit	Annual Average Price[1] 1983	1984	1985	1986
EAST SOUTH CENTRAL REGION[2]		Dollars		
FERTILIZER AND PESTICIDE MATERIALS:				
Commercial Fertilizer, per ton				
5-10-15	169.00	174.00	162.00	151.00
5-20-20	178.00	183.00	166.00	152.00
6-12-12	153.00	152.00	144.00	138.00
10-10-10	145.00	143.00	142.00	130.00
Superphosphate, 44-46% P_2O_5, per ton	203.00	214.00	190.00	181.00
Nitrate of Soda, per ton	200.00	201.00	216.00	215.00
Ammonium Nitrate, per ton	180.00	195.00	184.00	169.00
Urea, 44-46% N, per ton	192.00	210.00	199.00	161.00
Muriate of Potash, 60% K_2O, per ton	149.00	153.00	135.00	120.00
Limestone, spread on field, per ton	16.05	16.00	15.40	16.40

[1]Annual average prices are straight rather than weighted averages. [2]Includes Tennessee, Kentucky, Louisiana, Mississippi and Alabama. Individual State estimates are not published.

FARM PRODUCTION EXPENSES APPALACHIAN REGION, 1986[1]



[1]Appalachian Region includes Tennessee, Kentucky, North Carolina, Virginia and West Virginia.

COTTON PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1985
	DOLLARS
Cash Receipts:	
Primary Crop	301.55
Secondary Crop	24.98
Total	326.53
Cash Expenses:	
Seed	8.85
Fertilizer	41.01
Lime and Gypsum	.77
Chemicals	23.78
Custom Operations	14.54
Fuel, Lube, and Electricity	14.19
Repairs	27.23
Hired Labor	6.88
Ginning	46.67
Miscellaneous	.53
Technical Services	.66
Total, Variable Expenses	185.10
General Farm Overhead	19.91
Taxes and Insurance	10.64
Interest	68.44
Total, Fixed Expenses	98.99
Total, Cash Expenses	284.10
Receipts Less Cash Expenses	42.43
Capital Replacement	51.41
Receipts Less Cash Expenses and Replacement	-8.98
Economic (Full Ownership) Costs:	
Variable Expenses	185.10
General Farm Overhead	19.91
Taxes and Insurance	10.64
Capital Replacement	51.41
Allocated Returns to Owned Inputs:	
Return to Operating Capital	3.40
Return to Other Nonland Capital	16.78
Net Land Rent	51.86
Labor (Paid and Unpaid)	13.35
Total, Economic Costs	352.45
Residual Returns to Management and Risk	-25.92
Total, Returns to Owned Inputs	59.47
Harvest-Period Price (Dollars/Lb.)	.53
Yield (Lbs./Planted Acre)	564.71

All costs and returns are preliminary as of 08/01/86.

Source: "State-Level Costs of Production, 1985," USDA

CORN PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1985
	DOLLARS
Cash Receipts:	
Primary Crop	235.05
Total	235.05
Cash Expenses:	
Seed	16.00
Fertilizer	57.44
Lime and Gypsum	1.24
Chemicals	17.25
Custom Operations	5.91
Fuel, Lube, and Electricity	11.44
Repairs	11.44
Hired Labor	1.82
Drying	5.32
Miscellaneous	.04
Total, Variable Expenses	127.90
General Farm Overhead	11.21
Taxes and Insurance	8.07
Interest	38.53
Total, Fixed Expenses	57.81
Total, Cash Expenses	185.71
Receipts Less Cash Expenses	49.34
Capital Replacement	27.70
Receipts Less Cash Expenses and Replacement	21.64
Economic (Full Ownership) Costs:	
Variable Expenses	127.90
General Farm Overhead	11.21
Taxes and Insurance	8.07
Capital Replacement	27.70
Allocated Returns to Owned Inputs:	
Return to Operating Capital	3.58
Return to Other Nonland Capital	10.51
Net Land Rent	47.55
Labor (Paid and Unpaid)	14.74
Total, Economic Costs	251.26
Residual Returns to Management and Risk	16.21
Total, Returns to Owned Inputs	60.17
Harvest-Period Price (Dollars/Bu.)	2.45
Yield (Bu./Planted Acre)	95.94

All costs and returns are preliminary as of 08/01/86.

Source: "State-Level Costs of Production, 1985," USDA, Economic Research Service, January 1987.

SOYBEANS PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1985
	DOLLARS
Cash Receipts:	
Primary Crop	148.74
Total	148.74
Cash Expenses:	
Seed	7.83
Fertilizer	11.64
Lime and Gypsum	2.17
Chemicals	16.89
Custom Operations	3.73
Fuel, Lube, and Electricity	8.61
Repairs	7.21
Hired Labor	1.65
Miscellaneous	.38
Technical Services	.08
Total, Variable Expenses	60.19
General Farm Overhead	7.70
Taxes and Insurance	6.28
Interest	26.49
Total, Fixed Expenses	40.48
Total, Cash Expenses	100.67
Receipts Less Cash Expenses	48.07
Capital Replacement	26.09
Receipts Less Cash Expenses and Replacement	21.98
Economic (Full Ownership) Costs:	
Variable Expenses	60.19
General Farm Overhead	7.70
Taxes and Insurance	6.28
Capital Replacement	26.09
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.38
Return to Other Nonland Capital	7.72
Net Land Rent	33.80
Labor (Paid and Unpaid)	11.07
Total, Economic Costs	155.24
Residual Returns to Management and Risk	-6.50
Total, Returns to Owned Inputs	48.48
Harvest-Period Price (Dollars/Bu.)	4.93
Yield (Bu./Planted Acre)	30.17

All costs and returns are preliminary as of 08/01/86.

Source: "State-Level Costs of Production, 1986", USDA Economic Research Service, January 1987.

SOFT RED WINTER WHEAT PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1985
	DOLLARS
Cash Receipts:	
Primary Crop	78.12
Secondary Crop	8.12
Total	86.24
Cash Expenses:	
Seed	11.99
Fertilizer	36.53
Lime and Gypsum	1.86
Chemicals	2.81
Custom Operations	5.01
Fuel, Lube, and Electricity	7.16
Repairs	6.17
Hired Labor	.89
Miscellaneous	.42
Total, Variable Expenses	72.84
General Farm Overhead	5.16
Taxes and Insurance	5.00
Interest	17.73
Total, Fixed Expenses	27.88
Total, Cash Expenses	100.72
Receipts Less Cash Expenses	-14.48
Capital Replacement	18.09
Receipts Less Cash Expenses and Replacement	-32.57
Economic (Full Ownership) Costs:	
Variable Expenses	72.84
General Farm Overhead	5.16
Taxes and Insurance	5.00
Capital Replacement	18.09
Allocated Returns to Owned Inputs:	
Return to Operating Capital	3.43
Return to Other Nonland Capital	5.94
Net Land Rent	20.16
Labor (Paid and Unpaid)	10.27
Total, Economic Costs	140.88
Residual Returns to Management and Risk	-54.64
Total, Returns to Owned Inputs	-14.85
Harvest-Period Price (Dollars/Bu.)	3.32
Yield (Bu./Planted Acre)	23.53

All costs and returns are preliminary as of 08/01/86.

Source: "State-Level Costs of Production, 1985," USDA, Economic Research Service, January 1987.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGE DISTRIBUTION AND AVERAGE WIDTH, TENNESSEE, 1979-86[1]

Year	Number of Samples	Row Width Groups (Inches)					Average Width[2] (Inches)
		10.0 & Less[2]	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		Percent of Plots					
1979	82	10.4	6.7	8.5	14.0	60.4	33.0
1980	82	16.5	5.5	9.1	12.8	56.1	31.9
1981	79	18.4	10.1	11.4	10.8	49.3	30.0
1982	75	26.0	6.0	14.0	12.7	41.3	28.3
1983	83	21.7	12.7	7.2	27.1	31.3	28.6
1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6
1986	78	12.8	8.3	18.6	18.0	42.3	29.4

[1]Based on row measurements in plots selected for objective yield samples.
[2]Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

FERTILIZER USAGE: SOYBEANS AND COTTON, TENNESSEE, 1978-86

Year	Acres Harvested Thousands	Fields in Survey Number	Acres Receiving				Rate Per Acre Receiving[1]			Acres Fertilized[2]		
			Any Fert.	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding Only	After Seeding Only	At or Before & After Seeding
			Percent				Pounds			Percent		
			Cotton									
1978	230	97	96.9	96.9	94.8	94.8	73.8	69.4	74.3	83.0	2.1	14.9
1979	230	98	99.0	99.0	99.0	99.0	76.3	74.4	79.2	81.4	1.0	17.6
1980	275	100	100.0	100.0	94.0	94.0	73.3	64.1	74.2	75.0	1.0	24.0
1981[3]	305	—	—	—	—	—	—	—	—	—	—	—
1982	255	99	97.0	97.0	97.0	97.0	67.1	62.3	68.1	77.1	0	22.9
1983	215	99	100.0	100.0	100.0	100.0	91.0	65.0	71.0	58.0	0	42.0
1984	325	97	100.0	100.0	100.0	100.0	82.0	62.0	68.0	67.0	0	33.0
1985	335	100	100.0	99.0	97.0	94.0	78.0	61.0	67.0	82.0	5.0	13.0
1986	330	99	100.0	100.0	100.0	100.0	75.0	65.0	71.0	68.0	0	32.0
			Soybeans									
1978	2,420	87	83.9	56.3	83.9	83.9	16.7	48.2	59.7	100.0	0	0
1979	2,620	82	68.3	43.9	65.9	67.1	13.8	46.0	63.4	98.2	1.8	0
1980	2,550	82	74.4	51.2	73.2	73.2	15.6	45.0	58.0	98.4	1.6	0
1981	2,350	79	69.6	43.0	65.8	69.6	14.0	41.9	59.6	98.2	1.8	0
1982	2,350	75	62.7	33.3	62.7	62.7	14.2	42.7	55.3	95.7	4.3	0
1983	1,920	85	67.0	38.0	65.0	67.0	20.0	48.0	60.0	100.0	0	0
1984	1,850	89	64.0	40.0	61.0	63.0	16.0	43.0	60.0	94.0	4.0	2.0
1985	1,460	87	66.0	33.0	59.0	66.0	19.0	45.0	63.0	100.0	0	0
1986	1,550	81	48.0	22.0	47.0	48.0	18.0	44.0	57.0	100.0	0	0

[1]P_2O_5 is converted to P by multiplying by .43642; K_2O is coverted to K by multiplying by .83016. [2]Percentages apply to acres receiving fertilizer, not to total acres harvested. [3]Unavailable.

FERTILIZER CONSUMPTION: TENNESSEE, 1946-85

Year	Mixtures (Tons)	Direct Application Materials (Tons)	Total Fertilizer (Tons)
1946	223,896	188,271	412,167
1947	275,280	142,842	418,122
1948	343,894	156,380	500,274
1949	353,585	145,463	499,048
1950	340,553	165,785	506,338
1951	389,069	159,236	548,305
1952	443,327	159,533	602,860
1953	417,609	162,302	579,911
1954	395,132	128,962	524,094
1955	409,546	122,265	531,811
1956	410,208	105,931	516,139
1957	423,602	121,511	545,113
1958	410,013	103,472	513,485
1959	476,761	124,440	601,201
1960	490,631	133,408	624,039
1961	470,113	154,744	624,857
1962	487,523	154,829	642,352
1963	496,617	162,957	659,574
1964	531,835	164,979	696,814
1965	542,094	134,988	677,082
1966	615,165	181,368	796,533
1967	615,693	206,101	821,794
1968	610,506	162,409	772,915
1969	623,385	202,016	825,401
1970	534,450	215,997	750,447
1971	516,897	229,075	745,972
1972	508,539	227,596	736,135
1973	505,645	260,846	766,491
1974	524,490	291,560	816,050
1975	420,406	271,230	691,636
1976	440,466	301,734	742,200
1977	497,970	361,097	859,067
1978	449,873	348,101	797,974
1979	435,262	346,292	781,554
1980	410,396	365,273	775,669
1981	431,764	454,371	886,135
1982	304,293	407,155	711,448
1983	278,360	390,177	668,537
1984	321,829	399,226	721,055
1985	313,598	423,635	737,233
1986*			

*Not available at time of publication.

Tennessee Department of Agriculture

A Year In Review

T.D.A. Changes with Needs Of State's Agriculture

The journey, from being a Bureau of nine unsalaried men holding semi-annual meetings to promoting the number one industry in the state, has been productive and eventful. From its formation by the Tennessee Legislature in 1854 to present, the Tennessee Department of Agriculture has grown from a group of nine men charged with promoting county and other fairs across the state to seven divisions with over 350 employees. The number one priority of the Tennessee Department of Agriculture remains "encouraging and promoting in every practicable manner the interests of agriculture."

The responsibilities of the Tennessee Department of Agriculture have greatly changed and diversified in the 133 years of its existence. From the Bureau of Agriculture and Manufacturers, as it was first called, with an elected Secretary as its head, to the current Department of Agriculture with a Governor appointed Commissioner, who is by law a farmer, as its chief officer, the department has been in continual operation since its inception in 1854, except for 12 years during the Civil War period when no meetings were held.

The department has operated from its 207 acre Ellington Agricultural Center facility since 1961. Original structures, on the former horse farm, have been utilized to house several of the divisions and additional buildings have been constructed for others.

Tennessee has from its early statehood days been one of the nation's leading agricultural states. In recognition of this, the Tennessee legislature in 1937 felt it appropriate to 'commemorate' those Tennessee citizens who have made noteworthy contributions in farming, inventions or otherwise. The Tennessee Agricultural Hall of Fame was therefore created to honor these important agriculturalists. The Hall of Fame continues to recognize and honor those who contribute to the promotion of agriculture in the state.

Since 1872, thirty individuals have led the department including one, Buford Ellington, who went on to serve as governor of Tennessee. The agriculture department facilities are named in his honor. The department's administrative building is named for W.F. Moss who served as Commissioner of Agriculture from 1958-79 and Assistant Commissioner of Agriculture from 1953-58.

Just as the industry of agriculture is ever-changing and developing, so has the Department of Agriculture continued to grow and change with the needs of Tennessee agri-industry. The department endeavors to promote agricultural interests and administers regulatory activities as necessary to protect Tennessee's producers and consumers.

The journey of the Tennessee Department of Agriculture has been long and eventful, yet it is far from over. Though much has been achieved since its formation, the department has goals of even greater accomplishments. The cooperation of Tennessee's farmers, service organizations, and agri-businesses, along with dedicated leadership insures a progressive and productive future for Tennessee agriculture.

Directory of the Tennessee Department of Agriculture

Ellington Agricultural Center
Box 40627, Melrose Station
Nashville, Tennessee 37204

Administrative Division—360-0103
Agricultural Resources Division—360-0108
Animal Industries Division—360-0120
Commodity Distribution Division—360-0162
Quality and Standards Division—360-0150
Marketing Division—360-0160
Plant Industries Division—360-0130
Agricultural Statistics Service—360-0106
Oscar Farris Agricultural Museum—360-0198
Information—360-0117

Administrative Division Welcomes New Commissioner

Supervision and coordination of the numerous services provided by the Tennessee Department of Agriculture occurs through the work of the Administrative Division.

With an annual budget of $11,346,900 and projected revenues of $3,249,400 for fiscal year 1987-88 the Administrative Division makes sure T.D.A.'s 359 employees are provided with the assistance required to complete their tasks in serving Tennessee's citizens.

Headed by the Commissioner of Agriculture the staff of the Administrative Division includes the Deputy Commissioner, the assistants to the commissioner, and the staff attorney. With offices in the Moss Administration Building, the Lou Wallace Library, and the Oscar Farris Agricultural Museum, the Administrative Division is in charge of the budget for the department, provides legal services, coordinates information services, administers the state's agricultural fairs, and handles personnel matters.

Highlights

- Commissioner A.C. Clark named Terry Oliver Deputy Commissioner and Jim Robinson Assistant Commissioner. Larry Maxwell and David Waddell also serve as Assistant Commissioners.
- Distribution of donated hay for drought-stricken farmers was coordinated through the Tennessee Department of Agriculture in the summer of 1986.
- Attendance for 1986 Agricultural fairs increased by 6% as over 2.6 million people visited the state's fairs.
- *Tennessee Agriculture: A Century Farms Perspective* was produced by T.D.A. and tells the story of 783 farms owned by the same family for over 100 years.
- Attendance at the Oscar Farris Agricultural Museum increased to over 11,000 visitors. Previously the largest annual attendance had been 7,500.

Future Issues

- The first comprehensive planning for T.D.A. is being completed through "Project '90."
- Following Governor McWherter's directive T.D.A. will be restructuring several programs in an effort to more efficiently provide services for Tennessee's citizens.

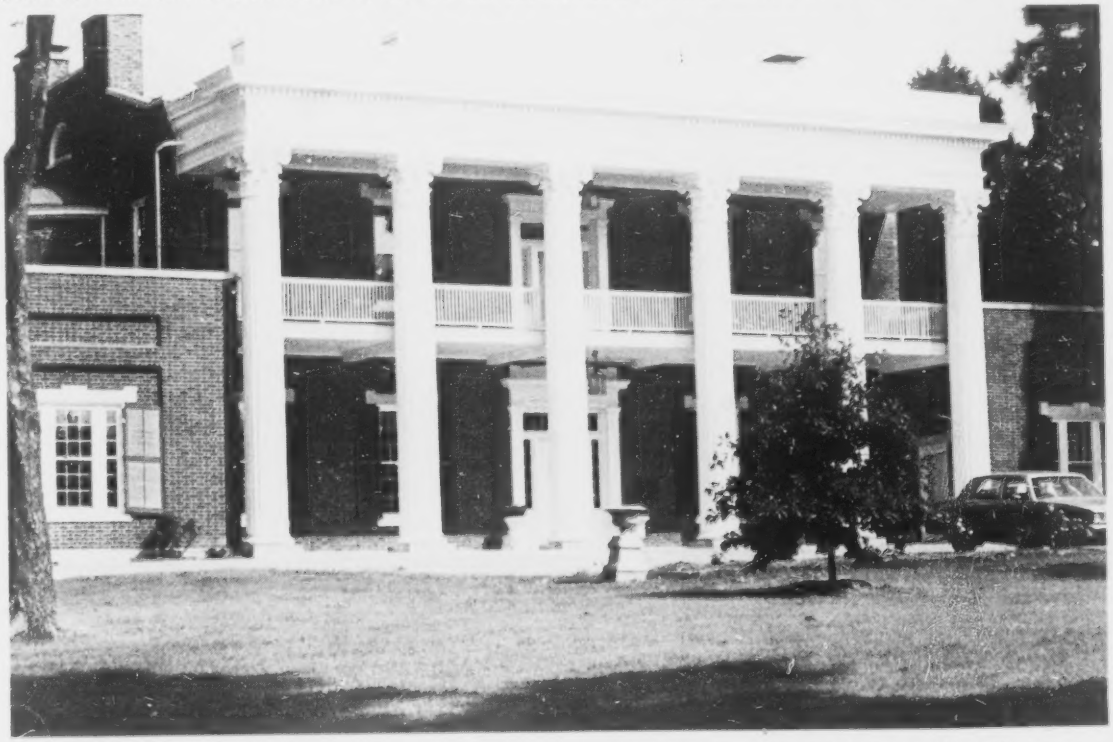
School children from across Tennessee learn about crafts like basket-weaving at the Annual Rural Life Festival sponsored by the Oscar Farris Agricultural Museum.

COMPARISON OF 1985 & 1986 FAIRS

	1985 52 TOTAL FAIRS	1986 53 TOTAL FAIRS	PERCENTAGE CHANGE FROM 1985-86
Attendance	2,504,202	2,642,654	+ 6
Gross Receipts	$6,501,846.11	$7,324,237.79	+ 13
Gross Expenditures	$5,118,079.18	$5,600,446.37	+ 9
Exhibitors	63,180	61,071	- 3
Exhibits	153,428	156,691	+ 2
Agricultural Premiums Paid	$ 544,290.74	$ 567,995.10	+ 10
Total Premiums Offered	$ 806,090.25	$1,096,131.90	+ 22
Total Premiums Paid	$ 717,750.30	$ 753,997.07	+ 5
People Involved	7,040	6,620	- 6
Beef Cattle Exhibited	6,564	6,709	+ 2
Dairy Cattle Exhibited	5,230	5,496	+ 5
Swine Exhibited	4,164	4,665	+ 12
Sheep Exhibited	4,268	4,782	+ 12
Poultry Exhibited	6,015	5,850	- 3
Horses/Mules Exhibited	193	205	+ 6
Amount Spent on Advertising (Newspaper, TV, Radio, Etc.)	$ 400,169.74	$ 350,660.12	- 12
Average Amount Spent at Fair Per Person	$ 2.60	$ 2.77	+ 7

Administration

Staff Planning Sessions held in May, 1987 focused on the programs of each division. Pictured above John Hammett, Plant Industries Division director, speaks to Commissioner Clark (center at end of table) and members of the commissioner's staff on issues affecting his division.



The William F. Moss Administration Building is located at Ellington Agricultural Center in Nashville.

Field before (above) and after (below) implementing soil conservation practices funded through the Agricultural Resources Division.

Erosion Reduction Efforts Headed by Agricultural Resources Division

William R. Hurst, Director

In a state known for the beauty of its land—its mountains, valleys, and plateaus; the Agricultural Resources Division is working to keep the land beautiful and functional.

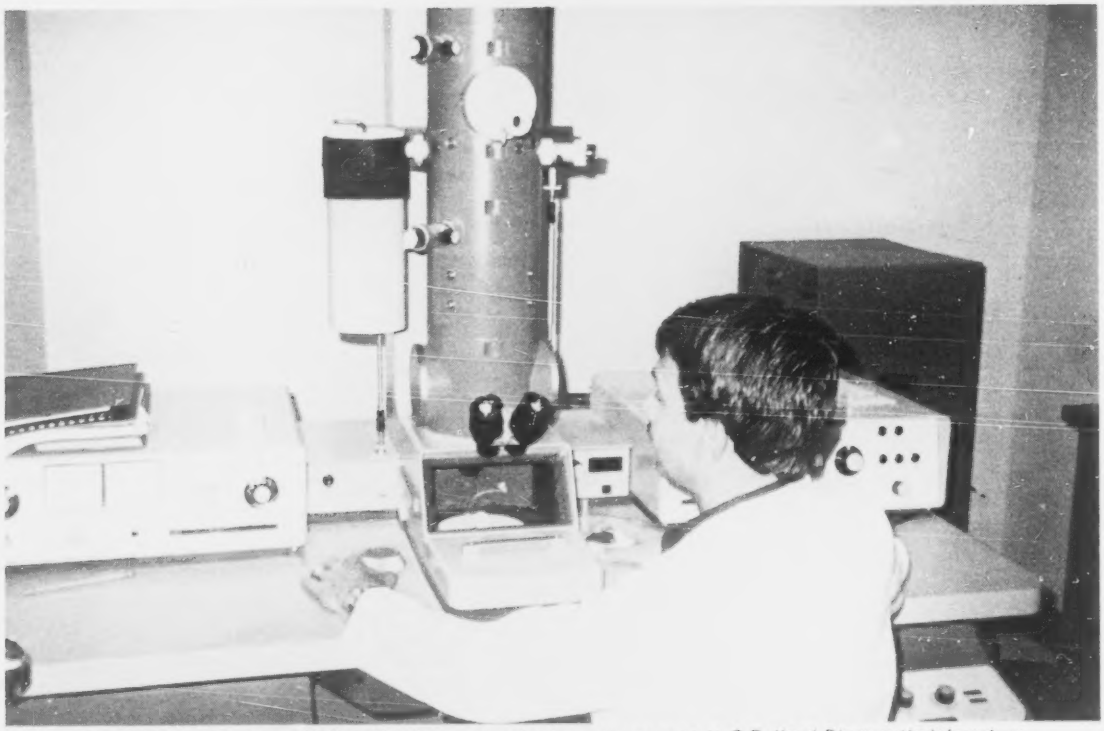
Progress is being made in combating Tennessee's number one agricultural resource problem: soil erosion. The Agricultural Resources Division works with federal government agencies and local agencies in promoting the protection and improvement of the state's soil and water resources.

Highlights

- Erosion on Tennessee's 5.5 million acres of cropland has been reduced from about 14 tons per acre per year in 1979 to approximately nine tons per acre per year.
- State funding for soil and water conservation increased from approximately $217,000 in fiscal year 1980 to $2,143,500 in fiscal year 1986-1987.
- Nine counties received $6,000 grants to employ soil scientists to accelerate completion of the state's soil survey program.
- A $180,000 grant was made to help convert eroding cropland in the Reelfoot Lake drainage area to alfalfa.
- A $790,000 grant was allocated on an "as needed" basis to 39 soil conservation districts to treat severely eroded lands.
- The top resource priority for the Agricultural Resources Division is to reduce soil loss to tolerance (five tons or less per acre annually).

Future Issues

- Reduction of soil erosion will continue to be an issue in the foreseeable future; soil erosion must be reduced not only to maintain soil productivity, but to reduce off-site damages from erosion.
- State programs should work with industry and local government planning committees reducing the average annual loss of prime farmland for non-farm uses.
- The Food Security Act of 1985 is having a major impact on agriculture. Large acreages are being placed in a 10-year Conservation Reserve Program. Other provisions of the Act require determination of soil erodibility and preparation of conservation farm plans. State programs of technical and financial assistance for soil and water conservation purposes should be compatible with the Food Security Act.
- Section 319 of the Clean Water Act of 1987 requires each state to prepare and implement a state non-point source management program. The State Soil Conservation Committee has the responsibility for the State's non-point source water management program for agriculture. It is anticipated that the Agricultural Resources Division of the Department of Agriculture will spend a considerable amount of time in assisting the State Committee carry out its responsibility under the Clean Water Act.



Animal Industries scientist Read Hodges uses electron microscope in C.E. Kord Diagnostic laboratory.

The Enforcement Unit of the Animal Industries Division monitors livestock movement and enforces health certificate requirements.

LIVESTOCK ENFORCEMENT ACTIVITIES

Violation	
Livestock Dealer Law	
Unlicensed	4
Records violations/other	0
General Animal Health Laws	
Brucellosis Related	
Quarantine	1
Test/Brand Refusal	2
Backtag/ID Req.	2
Change of Ownership	3
Exhibition/Fair Req.	0
Equine Infectious Anemia Related	
Test Brand Refusal	0
Quarantine	4
Swine Related	
Slaughter Swine Req.	0
Garbage Feeding Law	0

Broad Range of Disease Control, Livestock Market Services Rendered

Dr. John Ragan, State Veterinarian

Headed by the State Veterinarian the division of Animal Industries assists the state's largest generator of agricultural commodity revenues: the livestock industry.

The Division of Animal Industries has responsibilities for the control and eradication of diseases of livestock and poultry, the operation of an animal disease diagnostic laboratory, quarantine enforcement, the licensing and inspection of livestock auction markets, the registration of brands for cattle and other livestock, the collection and distribution of livestock market news information, and grading feeder pigs and feeder calves.

Highlights

- The monitoring of feeder pig-producing herds for pseudorabies was a prominent activity this year. Involving all major sections of the Division, the monitoring program at year's end had tested almost 6,000 herds. A positive result of the effort was the finding of only two herds with serologic evidence of infection. This should insure that quality Tennessee feeder pigs will continue to move freely interstate.

- In a year of good prices for both cattle and hogs, grading and market news services continued to be important to Tennessee producers. Grading and assistance with several yearling cattle board sales resulted in excellent returns to a number of cattle growers.

- The dairy reduction program helped to fuel a significant increase in exports of dairy cattle. Testing for international movement presented a challenge to the diagnostic laboratory both in volume and variety of tests. Response to this demand resulted in an increased diagnostic capability, particularly in immunology.

- The toxicology section continued to grow in both demand level and capacity. It can now handle in-house testing for most common poisons. A strong continued growth of demand for toxicology services is anticipated.

- At year's end, there was a new all-time low in the number of herds infected with brucellosis. Only eleven infected herds remained, of an estimated 76,000 herds in the state.

- Several arrests of cattle thieves were made during the year as a result of the work of Animal Industries Enforcement officers. Although their prime responsibility is monitoring livestock movement and enforcing health certification requirements, this unit continues to contribute to the solving of livestock theft cases.

Future Issues:

- Computerized data management system for the C.E. Kord Diagnostic

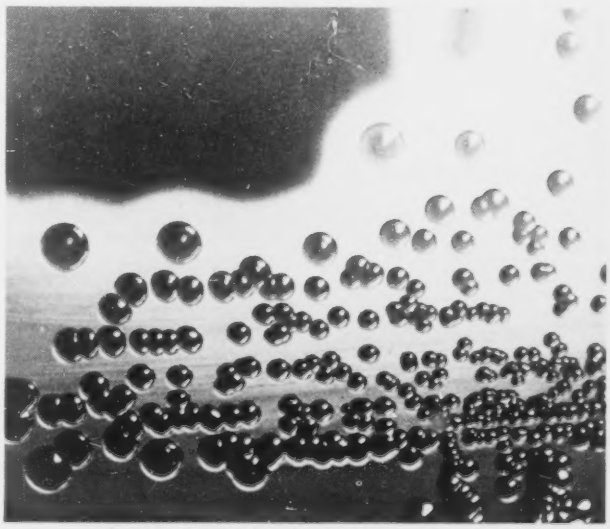
- Coping with field activity with drastic reduction of federal contributions.

- Providing for field veterinarians to support existing disease programs and diagnostic lab activity.

- Providing adequate diagnostic services to livestock owners and veterinarians throughout the state.

- Providing enforcement capability to every section of the state.

- Expansion of livestock marketing services to include maintenance of current markets for Tennessee livestock and development of new ones.



Bacterial colonies of mastitis in dairy cattle.

Nutritious lunches, prepared in part with U.S.D.A. surplus foods distributed by the Commodity Distribution Division, contribute to the health of Tennessee's school children.

Commodities in the food assistance program include butter, cheese, honey, non-fat dry milk, flour, corn meal, and rice.

Commodity Distribution Division Improves Communications With School Systems

Harold Heiser, Director

Feeding ninety-seven million people would require massive amounts of food yet the equivalent of that was done in 1986-87 as the Commodity Distribution division assisted Tennessee's 211 school systems in providing school lunches for 97,729,240 meals.

The Commodity Distribution Division channeled $45,269,258 of commodities to schools, the Emergency Food Assistance Program (EFAP), and charity institutions. Of the total $21,654,559 went to schools, $21,585,334 went to EFAP, and $2,029,365 went to charity.

It is the Division of Commodity Distribution's responsibility to order and distribute U.S.D.A. foods allocated to Tennessee.

Highlights

- A major initiative during fiscal year 1986-87 has been to improve communications between Federal, State, and local school systems Food Supervisors.
- A series of joint meetings were held across the state to explain the Commodity program and how the Commodity delivery system works. In addition to responding to questions from school personnel the Food Supervisors were advised on how they could have more input into the system.
- A bi-monthly newsletter was started to keep school food managers current on all aspects of the program.
- $46 million of commodities were channeled through the Division of Commodity Distribution to help feed the needy, provide nutritious school lunches, and aid charity institutions.
- The Temporary Emergency Food Assistance Program received $22 million of commodities.
- Commodities under the food assistance program consist of butter, cheese, honey, non-fat dry milk, flour, corn meal, and rice. Foods distributed to Tennessee schools include meats, poultry, fruits/vegetables, grain products, and dairy products.

Future Issues

- Competitive processing contracts will be expanded to take full advantage of commodity offerings and meet school children's current tastes, including snacks and ethnic type foods.

Increasing Market for State's Agricultural Products Is Top Priority

Joe Gaines, Director

Highlights

- For the first time a comprehensive listing of direct markets across the state has been compiled in one booklet. The "Producer to Consumer Directory" lists nearly 200 growers and more than 40 farmers markets across the state.
- Eleven different point of purchase brochures are now available on fruits and vegetables grown in Tennessee. The brochures give consumers recipes and hints on storage and use of products.
- Two toll free lines for the Market News Service answer 9,000 calls per month.
- A consumer hotline is now available to provide consumers with the location of the nearest pick-your-own farm and farmers market.
- A new logo, "Pick Tennessee Products" has been developed for promoting the use of Tennessee agricultural products.
- The "Tennessee Hay Directory" was an effective tool during the '86 drought.

Future Issues

- Increasing the market share for Tennessee agricultural products is a top priority within the Division of Marketing. Special emphasis is being placed on a wide variety of fruits and vegetables.
- Developing new community farmers markets is important in helping Tennessee farmers sell their products.
- Helping buyers and producers get together through promotions at trade shows, technical assistance, and up-to-date information gathering will help producers locate markets for their products.
- The Marketing Division is placing an emphasis on Feeder Pig Promotion in 1987. Tennessee is the third largest producer of feeder pigs in the U.S. with over 18,000 certified producers.
- Plans are being made to participate in ten pork producer and feeder conferences to promote Tennessee Feeder Pigs to hog feeders in the respective states. Also, a promotional brochure, promotion booth, and a video are being developed to aid in this effort.

Joe Gaines, director of the Marketing Division, and Jane Word, International Marketing Specialist, welcomed visitors to the Tennessee booth at the Seattle trade show. Tennessee agricultural products were featured in the booth.

The Tennessee exhibit at the Cattle Show in Mexico attracted interest in the state's cattle from Central and South American buyers.

Overseas Markets Open for Tennessee Products

Highlights

- A major emphasis of the Division of Marketing is the promotion of Tennessee's agricultural products to international markets. Recent projects assisted by T.D.A. officials have involved dairy cattle and embryo technology; alfalfa hay and pellets; high-value agricultural products (processed foods); and forest products.

- T.D.A. representatives participated in international trade shows and missions in order to meet personally with foreign buyers at a Mexican cattle show, a major European food show, and a trade mission for forest products to the Far East.

- Felix J. Diaz of Summertown, Tennessee, one of the clients of the Marketing Division, was recognized by the National Agricultural Marketing Officials (NAMO). Mr. Diaz received the Marketing Award based on his efforts in exporting over 700 head of dairy cattle to Honduras.

Future Issues

- Foreign trade inquiries received from Agricultural Trade Offices around the world will be collected and disseminated to relevant suppliers throughout the state.

- New-to-export companies will continue to receive counseling via state-sponsored educational seminars and individual meetings with marketing personnel. Advice is also available on international finance and transportation.

PICK Tennessee PRODUCTS Country Fresh

"Pick Tennessee Products" is the new logo for promoting Tennessee agricultural products.

Plant Industries Aims At Eradication of Fire Ant

There's a lot more to the Plant Industries Division than plants; through this division a full range of services is provided for the aid and protection of Tennesseans.

Work by the division includes the apiary unit, bird control, forestry consultation, pest control, pesticide monitoring, entomology surveys, and plant inspection.

Highlights

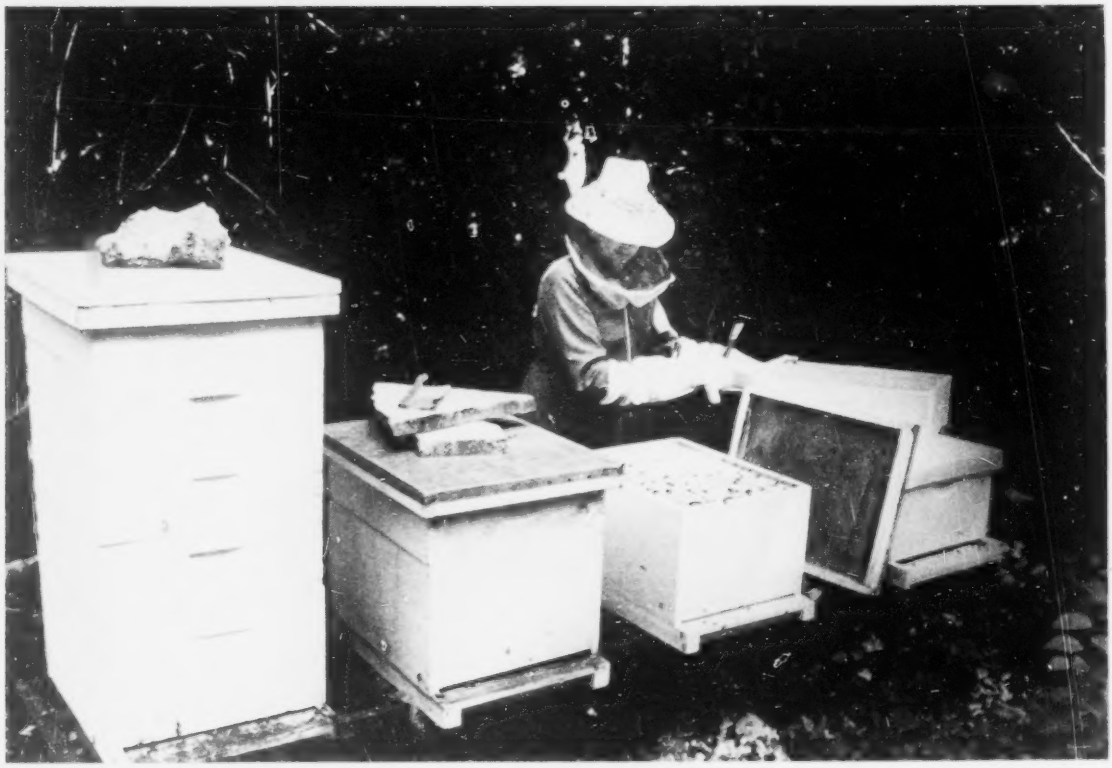
- The Division has seven (7) programs which actively serve the clientele and citizens of our state.
- A Gypsy Moth infestation has been eradicated from Johnson County, Tennessee with two (2) applications of Dimilin and Bacillus thuringiensis (BT). Dimilin is a growth regulator, and BT is a bacterium.
- Two (2) new pests, imported fire ant and honeybee trachael mite, were found with the latter being eradicated.
- Sweet Potato Weevil has been re-introduced into two (2) counties in West Tennessee. Necessary treatment and monitoring programs were established.
- All pesticide products including biocides, fungicides, rodenticides, herbicides, and insecticides registered for use in Tennessee come under the surveillance of the division's pesticide laboratory.

Future Issues

- Surveys will continue to detect new pests and to keep old pests in check. Plant pests are continually being introduced despite new and improved methods of detection. The Africanized honeybee is presently infecting South Central Mexico, and will soon enter the United States.
- The Plant Industries Division will continue to gather plant pest information for distribution to farmers and other citizens to speed up detection and control of evasive pests. We must always be ready to deal effectively and efficiently with pests when they are detected.

Tennessee's agricultural diversity adds to the state's leadership as a producer of quality agricultural products.

Plant Industries



The growing apiary industry is assisted by the Apiary section of the Plant Industries Division.

The Plant Industries Division helps to assure the continued growth and vitality of Tennessee's large nursery and greenhouse industry through insect and plant disease control programs.

Fertilizer is analyzed in the Quality and Standards Division laboratories to insure Tennessee's farmers of correct ingredients.

Bill Byrne, chemist, analyzes pesticide residue sample in the High Performance Liquid Chromatograph.

The Weights and Measures section is now part of the Quality and Standards Division.

Quality and Standards Division Protects Tennesseans

Jimmy Hopper, Director

Getting what you paid for; that's what the Quality and Standards Division is all about—making sure that pound of hamburger really is a pound and that it really is hamburger, notifying the public of product recalls, inspecting the state's food stores, and other responsibilities are among the services provided to Tennessee consumers by the Quality and Standards Division.

Highlights

- The Retail Food Store Inspection Act of 1986 calls for inspection of the state's 10,000 retail food stores at least once every six months.
- Laboratory analyses in the Division's laboratory section include microbiology, meat chemistry, aflatoxin, vitamins, pesticides, sugar content, fruit juice concentrations, filth determinations, grading of seafood products, nitrogen, phosphorus, potash, fertilizer micronutrients, fat and fiber content.
- Consumer Product Safety is conducted through this division. News releases concerning product recalls are issued as soon at the Consumer Product Safety Section is made aware of a recall.

Future Issues

- On July 1, 1987 the Food and Dairy Division merged with the regulatory sections of the Marketing Division to form a new division responsible for enforcing the laws and regulations concerning dairy; feed, seed, and fertilizer; food and drug; weights and measures; and consumer product safety.
- Micro computers are increasingly being used in converting manually handled records to an automated system. A more efficient record keeping and report system in each program is anticipated.
- All laws and regulations will be reviewed and updating will occur to meet the needs and concerns of today's environment.

FY 1986-87 STATISTICS

INSPECTIONS

		Number
1.	Retail food store and food plants	17,000
2.	Grade A farm inspections	10,500
3.	Manufactured milk farm inspections	2,200
4.	Grade A plant inspections	184
5.	Manufactured milk plant inspections	105
6.	Equipment tests	250
7.	Consumer Product Safety	125
	TOTAL	30,364

RETAIL EGG INSPECTIONS

Number of eggs candled 279,744

Number of Dozens Stop Sell 11,822

SAMPLES

Type of Products	Analyzed	Determinations	Non-Compliance
1. Dairy Products (Raw & finished)	4,265	8,755	1,079
2. Frozen Desserts	314	157	9
3. Feeds & Grains	2,105	5,220	226
4. Fertilizers	1,600	4,212	226
5. Limestone	218	649	75
6. Food Products	2,754	12,745	275
TOTALS	11,256	31,738	2,134

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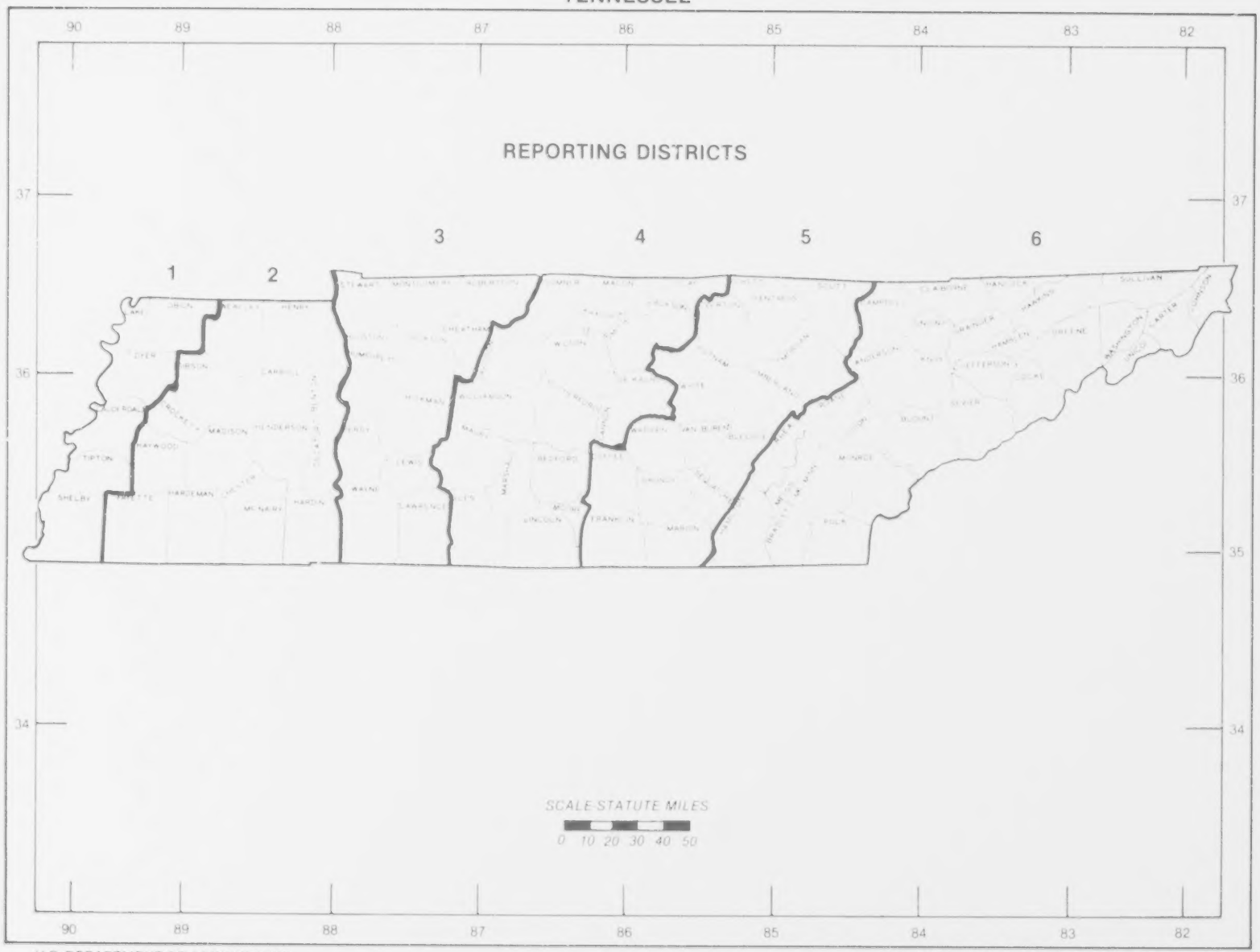

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TENNESSEE AGRICULTURAL STATISTICS SERVICE